

REQUEST FOR QUOTATION (THIS IS NOT AN ORDER)			THIS REQ. <input checked="" type="checkbox"/> IS <input type="checkbox"/> IS NOT A SMALL BUSINESS SET-ASIDE		PAGE 1 OF 19 PAGES	
1. REQUEST NO. N00253-04-Q-0038		2. DATE ISSUED 03 DEC 08		3. REQUISITION/PURCHASE REQUEST NO. 60210 3325X003		4. CERT. FOR NAT. DEF. UNDER BDSA REG. 2 AND/OR DMS REG. 1
5a. ISSUED BY SUPPLY OFFICER (CODE 182) NAVAL UNDERSEA WARFARE CTR, DK				6. DELIVER BY (Date) 04 FEB 16		
5b. FOR INFORMATION CALL (NO COLLECT CALLS)				7. DELIVERY <input checked="" type="checkbox"/> FOB DESTINATION <input type="checkbox"/> OTHER (See Schedule)		
NAME 610 DOWELL ST KEYPORT, WA 98345-7610 VI PEERSON		TELEPHONE NUMBER AREA CODE NUMBER 360 396-2226 FAX: 360 396-7036		9. DESTINATION N00253		
8. TO:				a. NAME OF CONSIGNEE BUILDING 893 SUPPLY OFFICER NAVAL UNDERSEA WARFARE CTR, DK		
a. NAME		b. COMPANY		b. STREET ADDRESS 610 DOWELL ST		
c. STREET ADDRESS				c. CITY KEYPORT		
d. CITY		e. STATE		f. ZIP CODE		d. STATE WA
						e. ZIP CODE 98345-7610
10. PLEASE FURNISH QUOTATIONS TO THE ISSUING OFFICE IN BLOCK 5A ON OR BEFORE CLOSE OF BUSINESS (Date) 03 DEC 19			IMPORTANT: This is a request for information and quotations furnished are not offers. If you are unable to quote, please so indicate on this form and return it to the address in Block 5A. This request does not commit the Government to pay any costs incurred in the preparation of the submission of this quotation or to contract for supplies or services. Supplies are of domestic origin unless otherwise indicated by quoter. Any representations and/or certifications attached to this Request for Quotations must be completed by the quoter.			
11. SCHEDULE (Include applicable Federal, State and local taxes)						
ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	
0001	FAR 52.214-21 DESCRIPTIVE LITERATURE IS INCORPORATED IN FULL REDERENCE. REQN. NO. 60210 /3325X003 NSN: NONE ITEM NAME: BOARD, MULTIWIRE INTERCONNECTION IN ACCORDANCE WITH DRAWING 853233-5 REV G AND THE FOLLOWING ASSOCIATED DRAWINGS: 853358 REV Y WL853358 REV J 894422 REV D NOTE: QUALITY ASSURANCE PER ATTACHMENT "A" SHALL APPLY. PROVIDE YOUR CAGE CODE & DUNS # IN YOUR QUOTE AND FAX IT ON OR BEFORE THE DATE SHOWN IN BLOCK 10 TO: NUWC DIVISION KEYPORT ATTN: VI PEERSON FAX: (360) 396-7036	2	EA			
12. DISCOUNT FOR PROMPT PAYMENT		b. 10 CALENDAR DAYS (%)		c. 20 CALENDAR DAYS (%)		d. 30 CALENDAR DAYS (%)
						d. CALENDAR DAYS NUMBER PERCENTAGE
NOTE: Additional provisions and representations <input type="checkbox"/> are <input type="checkbox"/> are not attached						
13. NAME AND ADDRESS OF QUOTER				14. SIGNATURE OF PERSON AUTHORIZED TO SIGN QUOTATION		15. DATE OF QUOTATION
a. NAME OF QUOTER						
b. STREET ADDRESS				16. SIGNER		
c. COUNTY				a. NAME (Type or print)		b. TELEPHONE
						AREA CODE
d. CITY		e. STATE		f. ZIP CODE		c. TITLE (Type or print)
						NUMBER

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VENDOR:

SECTION C DESCRIPTION/SPECIFICATIONS

FAR 52.212-1 INSTRUCTIONS TO OFFERORS - COMMERCIAL ITEMS OCT 2003

FAR 52.212-2 EVALUATION - COMMERCIAL ITEMS JAN 1999

(a) THE GOVERNMENT WILL AWARD A CONTRACT RESULTING FROM THIS SOLICITATION TO THE RESPONSIBLE OFFEROR WHOSE OFFER CONFORMING TO THE SOLICITATION WILL BE MOST ADVANTAGEOUS TO THE GOVERNMENT, PRICE AND OTHER FACTORS CONSIDERED. THE FOLLOWING FACTORS SHALL BE USED TO EVALUATE OFFERS:

TECHNICAL ABILITY

PRICE

PAST PERFORMANCE

[CONTRACTING OFFICER SHALL INSERT THE SIGNIFICANT EVALUATION FACTORS, SUCH AS (i) TECHNICAL CAPABILITY OF THE ITEM OFFERED TO MEET THE GOVERNMENT REQUIREMENT; (ii) PRICE; (iii) PAST PERFORMANCE (SEE FAR 15.304); (iv) SMALL DISADVANTAGE BUSINESS PARTICIPATION; AND INCLUDE THEM IN THE RELATIVE ORDER OF IMPORTANCE OF THE EVALUATION FACTORS, SUCH AS IN DESCENDING ORDER OF IMPORTANCE.]

TECHNICAL AND PAST PERFORMANCE, WHEN COMBINED, ARE SLIGHTLY [CONTRACTING OFFICER STATE, IN ACCORDANCE WITH FAR 15.304, THE RELATIVE IMPORTANCE OF ALL OTHER EVALUATION FACTORS, WHEN COMBINED, WHEN COMPARED TO PRICE.]

(b) OPTIONS. THE GOVERNMENT WILL EVALUATE OFFERS FOR AWARD PURPOSES BY ADDING THE TOTAL PRICE FOR ALL OPTIONS TO THE TOTAL PRICE FOR THE BASIC REQUIREMENT. THE GOVERNMENT MAY DETERMINE THAT AN OFFER IS UNACCEPTABLE IF THE OPTION PRICES ARE SIGNIFICANTLY UNBALANCED. EVALUATION OF OPTIONS SHALL NOT OBLIGATE THE GOVERNMENT TO EXERCISE THE OPTION(S).

(c) A WRITTEN NOTICE OF AWARD OR ACCEPTANCE OF AN OFFER, MAILED OR OTHERWISE FURNISHED TO THE SUCCESSFUL OFFEROR WITHIN THE TIME FOR ACCEPTANCE SPECIFIED IN THE OFFER, SHALL RESULT IN A BINDING CONTRACT WITHOUT FURTHER ACTION BY EITHER PARTY. BEFORE THE OFFER'S SPECIFIED EXPIRATION TIME, THE GOVERNMENT MAY ACCEPT AN OFFER (OR PART OF AN OFFER), WHETHER OR NOT THERE ARE NEGOTIATIONS AFTER ITS RECEIPT, UNLESS A WRITTEN NOTICE OF WITHDRAWAL IS RECEIVED BEFORE AWARD.

FAR 52.212-3 OFFEROR REPRESENTATIONS AND CERTIFICATONS - COMMERCIAL ITEMS JUN 2003

(a) DEFINITIONS. AS USED IN THIS PROVISION:

"EMERGING SMALL BUSINESS" MEANS A SMALL BUSINESS CONCERN WHOSE SIZE IS NO GREATER THAN 50 PERCENT OF THE NUMERICAL SIZE STANDARD FOR THE NAICS CODE DESIGNATED.

"FORCED OR INDENTURED CHILD LABOR" MEANS ALL WORK OR SERVICE-

(1) EXACTED FROM ANY PERSON UNDER THE AGE OF 18 UNDER THE MENANCE OF ANY PENALTY FOR ITS NONPERFORMANCE AND FOR WHICH THE WORKER DOES NOT OFFER HIMSELF VOLUNTARILY; OR

(2) PERFORMED BY ANY PERSON UNDER THE AGE OF 18 PURSUANT TO A CONTRACT THE ENFORCEMENT OF WHICH CAN BE ACCOMPLISHED

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SECTION C DESCRIPTION/SPECIFICATIONS

BY PROCESS OR PENALTIES.

"SERVICE-DISABLED VETERAN-OWNED SMALL BUSINESS CONCERN"-

(1) MEANS A SMALL BUSINESS CONCERN-

(i) NOT LESS THAN 51 PERCENT OF WHICH IS OWNED BY ONE OR MORE SERVICE-DISABLED VETERANS OR, IN THE CASE OF ANY PUBLICLY OWNED BUSINESS, NOT LESS THAN 51 PERCENT OF THE STOCK OF WHICH IS OWNED BY ONE OR MORE SERVICE-DISABLED VETERANS; AND

(ii) THE MANAGEMENT AND DAILY BUSINESS OPERATIONS OF WHICH ARE CONTROLLED BY ONE OR MORE SERVICE-DISABLED VETERANS OR, IN THE CASE OF A VETERAN WITH PERMANENT AND SEVERE DISABILITY, THE SPOUSE OR PERMANENT CAREGIVER OF SUCH VETERAN.

(2) SERVICE-DISABLED VETERAN MEANS A VETERAN, AS DEFINED IN 38 U.S.C. 101(2), WITH A DIABILITY THAT IS SERVICE-CONNECTED, AS DEFINED IN 38 U.S.C. 101(16).

"SMALL BUSINESS CONCERN" MEANS A CONCERN, INCLUDING ITS AFFILIATES, THAT IS INDEPENDENTLY OWNED AND OPERATED, NOT DOMINANT IN THE FIELD OF OPERATION, IN WHICH IT IS BIDDING ON GOVERNMENT CONTRACTS, AND QUALIFIED AS A SMALL BUSINESS UNDER THE CRITERIA IN 13 CFR PART 121 AND SIZE STANDARDS IN THIS SOLICITATION.

"VETERAN-OWNED SMALL BUSINESS CONCERNS" MEAN A SMALL BUSINESS CONCERN -

(1) NOT LESS THAN 51 PERCENT OF WHICH IS OWNED BY ONE OR MORE VETERANS (AS DEFINED AT 38 U.S.C. 101(2)) OR, IN THE CASE OF ANY PUBLICLY OWNED BUSINESS, NOT LESS THAN 51 PERCENT OF THE STOCK OF WHICH IS OWNED BY ONE OR MORE VETERANS; AND

(2) THE MANAGEMENT AND DAILY BUSINESS OPERATIONS OF WHICH ARE CONTROLLED BY ONE OR MORE VETERANS.

"WOMEN-OWNED BUSINESS CONCERN" MEANS A CONCERN WHICH IS AT LEAST 51 PERCENT OWNED BY ONE OR MORE WOMEN; OR IN THE CASE OF ANY PUBLICLY OWNED BUSINESS, AT LEAST 51 PERCENT OF ITS STOCK IS OWNED BY ONE OR MORE WOMEN; AND WHOSE MANAGEMENT AND DAILY BUSINESS OPERATIONS ARE CONTROLLED BY ONE OR MORE WOMEN.

"WOMEN-OWNED SMALL BUSINESS CONCERN" MEANS A SMALL BUSINESS CONCERN-

(1) THAT IS AT LEAST 51 PERCENT OWNED BY ONE OR MORE WOMEN; OR, IN THE CASE OF ANY PUBLICLY OWNED BUSINESS, AT LEAST 51 PERCENT OF THE STOCK OF WHICH IS OWNED BY ONE OR MORE WOMEN; AND

(2) WHOSE MANAGEMENT AND DAILY BUSINESS OPERATIONS ARE CONTROLLED BY ONE OR MORE WOMEN.

(b) TAXPAYER IDENTIFICATION NUMBER (TIN) (26 U.S.C. 6109, 31 U.S.C. 7701). (NOT APPLICABLE IF THE OFFEROR IS REQUIRED TO PROVIDE THIS INFORMATION TO A CENTRAL CONTRACTOR REGISTRATION DATABASE TO BE ELIGIBLE FOR AWARD.)

(1) ALL OFFERORS MUST SUBMIT THE INFORMATION REQUIRED IN PARAGRAPHS (b) (3) THROUGH (b) (5) OF THIS PROVISION TO COMPLY WITH DEBT COLLECTION REQUIREMENTS OF 31 U.S.C. 7701(c) AND 3325(d), REPORTING REQUIREMENTS OF 26 U.S.C. 6041, 6041A AND 6050M, AND IMPLEMENTING REGULATIONS ISSUED BY THE INTERNAL REVENUE SERVICE (IRS).

(2) THE TIN MAY BE USED BY THE GOVERNMENT TO COLLECT AND REPORT ON ANY DELINQUENT AMOUNTS ARISING OUT OF THE OFFEROR'S RELATIONSHIP WITH THE GOVERNMENT (31 U.S.C. 7701(c) (3)). IF THE RESULTING CONTRACT IS SUBJECT TO THE PAYMENT REPORTING REQUIREMENTS DESCRIBED IN FAR 4.904, THE TIN PROVIDED HEREUNDER MAY BE MATCHED WITH IRS RECORDS TO VERIFY THE ACCURACY OF THE OFFEROR'S TIN.

(3) TAXPAYER IDENTIFICATION NUMBER (TIN)

TIN: _____.

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SECTION C DESCRIPTION/SPECIFICATIONS

☐ TIN HAS BEEN APPLIED FOR.
☐ TIN IS NOT REQUIRED BECAUSE:
☐ OFFEROR IS A NONRESIDENT ALIEN, FOREIGN CORPORATION, OR FOREIGN PARTNERSHIP THAT DOES NOT HAVE INCOME EFFECTIVELY CONNECTED WITH THE CONDUCT OF A TRADE OR BUSINESS IN THE UNITED STATES AND DOES NOT HAVE AN OFFICE OR PLACE OF BUSINESS OR A FISCAL PAYING AGENT IN THE UNITED STATES;
☐ OFFEROR IS AN AGENCY OR INSTRUMENTALITY OF A FOREIGN GOVERNMENT;
☐ OFFEROR IS AN AGENCY OR INSTRUMENTALITY OF THE FEDERAL GOVERNMENT.

(4) TYPE OF ORGANIZATION:

☐ SOLE PROPRIETORSHIP;
☐ PARTNERSHIP;
☐ CORPORATE ENTITY (NOT TAX-EXEMPT);
☐ CORPORATE ENTITY (TAX-EXEMPT);
☐ GOVERNMENT ENTITY (FEDERAL, STATE, OR LOCAL);
☐ FOREIGN GOVERNMENT;
☐ INTERNATIONAL ORGANIZATION PER 26 CFR 1.6049-4;
☐ OTHER

(5) COMMON PARENT.

☐ OFFEROR IS NOT OWNED OR CONTROLLED BY A COMMON PARENT;
 NAME AND TIN OF COMMON PARENT:

NAME:

TIN:

(c) OFFERORS MUST COMPLETE THE FOLLOWING REPRESENTATIONS WHEN THE RESULTING CONTRACT IS TO BE PERFORMED INSIDE THE UNITED STATES, OR ITS OUTLYING AREAS. CHECK ALL THAT APPLY.

(1) SMALL BUSINESS CONCERN. THE OFFEROR REPRESENTS AS PART OF ITS OFFER THAT IT ☐ IS, ☐ IS NOT A SMALL BUSINESS CONCERN.

(2) VETERAN-OWNED SMALL BUSINESS CONCERN. [COMPLETE ONLY IF THE OFFEROR REPRESENTED ITSELF AS A SMALL BUSINESS CONCERN IN PARAGRAPH (c) (1) OF THE PROVISION.] THE OFFEROR REPRESENTS AS PART OF ITS OFFER THAT IT ☐ IS, ☐ IS NOT A VETERAN OWNED SMALL BUSINESS CONCERN.

(3) SERVICE-DISABLED VETERAN-OWNED SMALL BUSINESS CONCERN. [COMPLETE ONLY IF THE OFFEROR REPRESENTED ITSELF AS A VETERAN-OWNED SMALL BUSINESS CONCERN IN PARAGRAPH (c) (2) OF THIS PROVISION.] THE OFFEROR REPRESENTS AS PART OF ITS OFFER THAT IT ☐ IS, ☐ IS NOT A SERVICE-DISABLED VETERAN-OWNED SMALL BUSINESS CONCERN.

(4) SMALL DISADVANTAGE BUSINESS CONCERN. [COMPLETE ONLY IF THE OFFEROR REPRESENTED ITSELF AS A SMALL BUSINESS CONCERN IN PARAGRAPH (c) (1) OF THIS PROVISION.] THE OFFEROR REPRESENTS, FOR GENERAL STATISTICAL PURPOSES, THAT IT ☐ IS, ☐ IS NOT A SMALL DISADVANTAGED BUSINESS CONCERN AS DEFINED IN 13 CFR 124.1002.

(5) WOMEN-OWNED SMALL BUSINESS CONCERN. [COMPLETE ONLY IF THE OFFEROR REPRESENTED ITSELF AS A SMALL BUSINESS CONCERN IN PARAGRAPH (c) (1) OF THIS PROVISION.] THE OFFEROR REPRESENTS THAT IT ☐ IS, ☐ IS NOT A WOMEN-OWNED SMALL BUSINESS CONCERN.

NOTE: COMPLETE PARAGRAPHS (c) (6) AND (c) (7)
 ONLY IF THIS SOLICITATION IS EXPECTED TO
 EXCEED THE SIMPLIFIED ACQUISITION THRESHOLD.

(6) WOMEN-OWNED BUSINESS CONCERN (OTHER THAN SMALL BUSINESS CONCERN). [COMPLETE ONLY IF THE OFFEROR IS A WOMEN-OWNED BUSINESS CONCERN AND DID NOT REPRESENT ITSELF AS A SMALL

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BUSINESS CONCERN IN PARAGRAPH (c) (1) OF THIS PROVISION.] THE OFFEROR REPRESENTS THAT IT ____ IS A WOMEN-OWNED BUSINESS CONCERN.

(7) TIE BID PRIORITY FOR LABOR SURPLUS AREA CONCERNS. IF THIS IS AN INVITATION FOR BID, SMALL BUSINESS OFFERORS MAY IDENTIFY THE LABOR SURPLUS AREAS IN WHICH COSTS TO BE INCURRED ON ACCOUNT OF MANUFACTURING OR PRODUCTION (BY OFFEROR OR FIRST-TIER SUBCONTRACTORS) AMOUNT TO MORE THAN 50 PERCENT OF THE CONTRACT PRICE:

(8) SMALL BUSINESS SIZE FOR THE SMALL BUSINESS COMPETITIVENESS DEMONSTRATION PROGRAM AND FOR THE TARGETED INDUSTRY CATEGORIES UNDER THE SMALL BUSINESS COMPETITIVENESS DEMONSTRATION PROGRAM. [COMPLETE ONLY IF THE OFFEROR HAS REPRESENTED ITSELF TO BE A SMALL BUSINESS CONCERN UNDER THE SIZE STANDARDS FOR THIS SOLICITATION].

(i) [COMPLETE ONLY FOR SOLICITATIONS INDICATED IN AN ADDENDUM AS BEING SET-ASIDE FOR EMERGING SMALL BUSINESSES IN ONE OF THE FOUR DESIGNATED INDUSTRY GROUPS (DIGS).] THE OFFEROR REPRESENTS AS PART OF ITS OFFER THAT IT ____ IS, IS NOT AN EMERGING SMALL BUSINESS.

(ii) [COMPLETE ONLY FOR SOLICITATIONS INDICATED IN AN ADDENDUM AS BEING FOR ONE OF THE TARGETED INDUSTRY CATEGORIES (TICS) OR FOUR DESIGNATED INDUSTRY GROUPS (DIGS).] OFFEROR REPRESENTS AS FOLLOWS:

(A) OFFEROR'S NUMBER OF EMPLOYEES FOR THE PAST 12 MONTHS (CHECK THE EMPLOYEES COLUMN IF SIZE STANDARD STATED IN THE SOLICITATION IS EXPRESSED IN TERMS OF NUMBER OF EMPLOYEES); OR

(B) OFFEROR'S AVERAGE ANNUAL GROSS REVENUE FOR THE LAST 3 FISCAL YEARS (CHECK THE AVERAGE ANNUAL GROSS NUMBER OF REVENUES COLUMN IF SIZE STANDARD STATED IN THE SOLICITATION IS EXPRESSED IN TERMS OF ANNUAL RECEIPTS). (CHECK ONE OF THE FOLLOWING):

NUMBER OF EMPLOYEES	AVERAGE ANNUAL GROSS REVENUES
____ 50 OR FEWER	____ \$1 MILLION OR LESS
____ 51-100	____ \$1,000,001-\$2 MILLION
____ 101-250	____ \$2,000,001-\$3.5 MILLION
____ 251-500	____ \$3,500,001-\$5 MILLION
____ 501-750	____ \$5,000,001-\$10 MILLION
____ 751-1,000	____ \$10,000,001-\$17 MILLION
____ OVER 1,000	____ OVER \$17 MILLION

(9) [COMPLETE ONLY IF THE SOLICITATION CONTAINS THE CLAUSE AT FAR 52.219-23, NOTICE OF PRICE EVALUATION ADJUSTMENT FOR SMALL DISADVANTAGED BUSINESS CONCERNS, OR FAR 52.219-25, SMALL DISADVANTAGED BUSINESS PARTICIPATION PROGRAM-DISADVANTAGED STATUS AND REPORTING, AND THE OFFEROR DESIRES A BENEFIT BASED ON ITS DISADVANTAGED STATUS.]

(i) GENERAL. THE OFFEROR REPRESENTS THAT EITHER-
 (A) IT ____ IS, ____ IS NOT CERTIFIED BY THE SMALL BUSINESS ADMINISTRATION AS A SMALL DISADVANTAGED BUSINESS CONCERN AND IDENTIFIED, ON THE DATE OF THIS REPRESENTATION, AS A CERTIFIED SMALL DISADVANTAGED BUSINESS CONCERN IN THE DATABASE MAINTAINED BY THE SMALL BUSINESS ADMINISTRATION (PRO-NET), AND THAT NO MATERIAL CHANGE IN DISADVANTAGED OWNERSHIP AND CONTROL HAS OCCURRED SINCE ITS CERTIFICATION, AND, WHERE THE CONCERN IS OWNED BY ONE OR MORE INDIVIDUALS CLAIMING

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DISADVANTAGED STATUS, THE NET WORTH OF EACH INDIVIDUAL UPON WHOM THE CERTIFICATION IS BASED DOES NOT EXCEED \$750,000 AFTER TAKING INTO ACCOUNT THE APPLICABLE EXCLUSIONS SET FORTH AT: 13 CFR 124.104(c)(2); OR

(B) IT _____ HAS, _____ HAS NOT SUBMITTED A COMPLETED APPLICATION TO THE SMALL BUSINESS ADMINISTRATION OR A PRIVATE CERTIFIER TO BE CERTIFIED AS A SMALL DISADVANTAGED BUSINESS CONCERN IN ACCORDANCE WITH 13 CFR 124, SUBPART B, AND A DECISION ON THAT APPLICATION IS PENDING, AND THAT NO MATERIAL CHANGE IN DISADVANTAGED OWNERSHIP AND CONTROL HAS OCCURRED SINCE ITS APPLICATION WAS SUBMITTED.

(ii) JOINT VENTURES UNDER THE PRICE EVALUATION ADJUSTMENT FOR SMALL DISADVANTAGED BUSINESS CONCERNS. THE OFFEROR REPRESENTS, AS PART OF ITS OFFER, THAT IT IS A JOINT VENTURE THAT COMPLIES WITH THE REQUIREMENTS IN 13 CFR 124.1002(f) AND THAT THE REPRESENTATION IN PARAGRAPH (c)(9)(i) OF THIS PROVISION IS ACCURATE FOR THE SMALL DISADVANTAGED BUSINESS CONCERN THAT IS PARTICIPATING IN THE JOINT VENTURE. [THE OFFEROR SHALL ENTER THE NAME OF THE SMALL DISADVANTAGED BUSINESS CONCERN THAT IS PARTICIPATING IN THE JOINT VENTURE: _____.]

(10) HUBZONE SMALL BUSINESS CONCERN. [COMPLETE ONLY IF THE OFFEROR REPRESENTS ITSELF AS A SMALL BUSINESS CONCERN IN PARAGRAPH (c)(1) OF THIS PROVISION.] THE OFFEROR REPRESENTS, AS PART OF ITS OFFER, THAT-

(i) IT _____ IS, _____ IS NOT A HUBZONE SMALL BUSINESS CONCERN LISTED, ON THE DATE OF THIS REPRESENTATION, ON THE LIST OF QUALIFIED HUBZONE SMALL BUSINESS CONCERNS MAINTAINED BY THE SMALL BUSINESS ADMINISTRATION, AND NO MATERIAL CHANGE IN OWNERSHIP AND CONTROL, PRINCIPAL OFFICE, OR HUBZONE EMPLOYEE PERCENTAGE HAS OCCURRED SINCE IT WAS CERTIFIED BY THE SMALL BUSINESS ADMINISTRATION IN ACCORDANCE WITH 13 CFR PART 126; AND

(ii) IT _____ IS, _____ IS NOT A JOINT VENTURE THAT COMPLIES WITH THE REQUIREMENTS OF 13 CFR PART 126, AND THE REPRESENTATION IN PARAGRAPH (c)(10)(i) OF THIS PROVISION IS ACCURATE FOR THE HUBZONE SMALL BUSINESS CONCERN OR CONCERNS THAT ARE PARTICIPATING IN THE JOINT VENTURE. [THE OFFEROR SHALL ENTER THE NAME OR NAMES OF THE HUBZONE SMALL BUSINESS CONCERN OR CONCERNS THAT ARE PARTICIPATING IN THE JOINT VENTURE: _____.] EACH HUBZONE SMALL BUSINESS CONCERN PARTICIPATING IN THE JOINT VENTURE SHALL SUBMIT A SEPARATE SIGNED COPY OF THE HUBZONE REPRESENTATION.

(d) REPRESENTATIONS REQUIRED TO IMPLEMENT PROVISIONS OF EXECUTIVE ORDER 11246-(1) PREVIOUS CONTRACTS AND COMPLIANCE. THE OFFEROR REPRESENTS THAT -

(i) IT _____ HAS, _____ HAS NOT PARTICIPATED IN A PREVIOUS CONTRACT OR SUBCONTRACT SUBJECT TO THE EQUAL OPPORTUNITY CLAUSE OF THIS SOLICITATION; AND

(ii) IT _____ HAS, _____ HAS NOT FILED ALL REQUIRED COMPLIANCE REPORTS.

(2) AFFIRMATIVE ACTION COMPLIANCE. THE OFFEROR REPRESENTS THAT-

(i) IT _____ HAS DEVELOPED AND HAS ON FILE, _____ HAS NOT DEVELOPED AND DOES NOT HAVE ON FILE, AT EACH ESTABLISHMENT, AFFIRMATIVE ACTION PROGRAMS REQUIRED BY RULES AND REGULATIONS OF THE SECRETARY OF LABOR (41 CFR PARTS 60-1 AND 60-2), OR

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(ii) IT HAS NOT PREVIOUSLY HAD CONTRACTS SUBJECT TO THE RULES AND REGULATIONS OF THE SECRETARY OF LABOR.

(e) CERTIFICATION REGARDING PAYMENTS TO INFLUENCE FEDERAL TRANSACTIONS (31 U.S.C. 1352). (APPLIES ONLY IF THE CONTRACT IS EXPECTED TO EXCEED \$100,000.) BY SUBMISSION OF ITS OFFER, THE OFFEROR CERTIFIES TO THE BEST OF ITS KNOWLEDGE AND BELIEF THAT NO FEDERAL APPROPRIATED FUNDS HAVE BEEN PAID OR WILL BE PAID TO ANY PERSON FOR INFLUENCING OR ATTEMPTING TO INFLUENCE AN OFFICER OR EMPLOYEE OF ANY AGENCY, A MEMBER OF CONGRESS, AN OFFICER OR EMPLOYEE OF CONGRESS OR AN EMPLOYEE OF A MEMBER OF CONGRESS ON HIS OR HER BEHALF IN CONNECTION WITH THE AWARD OF ANY RESULTANT CONTRACT.

(f) BUY AMERICAN ACT CERTIFICATE. (APPLIES ONLY IF THE CLAUSE AT FAR 52.225-1, BUY AMERICAN ACT-BALANCE OF PAYMENTS PROGRAM-SUPPLIES, IS INCLUDED IN THIS SOLICITATION.)

(1) THE OFFEROR CERTIFIES THAT EACH END PRODUCT, EXCEPT THOSE LISTED IN PARAGRAPH (f) (2) OF THIS PROVISION, IS A DOMESTIC END PRODUCT AND THAT THE OFFEROR HAS CONSIDERED COMPONENTS OF UNKNOWN ORIGIN TO HAVE BEEN MINED, PRODUCED, OR MANUFACTURED OUTSIDE THE UNITED STATES. THE OFFEROR SHALL LIST AS FOREIGN END PRODUCTS THOSE END PRODUCTS MANUFACTURED IN THE UNITED STATES THAT DO NOT QUALIFY AS DOMESTIC END PRODUCTS. THE TERMS "COMPONENT," "DOMESTIC END PRODUCT," "END PRODUCT," FOREIGN END PRODUCT" AND "UNITED STATES" ARE DEFINED IN THE CLAUSE OF THIS SOLICITATION ENTITLED "BUY AMERICAN ACT-SUPPLIES."

(2) FOREIGN END PRODUCTS:

LINE ITEM NO	COUNTRY OF ORIGIN
_____	_____
_____	_____
[LIST AS NECESSARY]	

(3) THE GOVERNMENT WILL EVALUATE OFFERS IN ACCORDANCE WITH THE POLICIES AND PROCEDURES OF FAR PART 25.

(g) (1) BUY AMERICAN ACT-NORTH AMERICAN FREE TRADE AGREEMENT-ISRAELI TRADE ACT CERTIFICATE. (APPLIES ONLY IF THE CLAUSE AT FAR 52.225-3, BUY AMERICAN ACT-NORTH AMERICAN FREE TRADE AGREEMENT-ISRAELI TRADE ACT, IS INCLUDED IN THIS SOLICITATION.

(i) THE OFFEROR CERTIFIES THAT EACH END PRODUCT, EXCEPT THOSE LISTED IN PARAGRAPH (g) (1) (ii) OR (g) (1) (iii) OF THIS PROVISION, IS A DOMESTIC END PRODUCT AND THAT THE OFFEROR HAS CONSIDERED COMPONENTS OF UNKNOWN ORIGIN TO HAVE BEEN MINED, PRODUCED, OR MANUFACTURED OUTSIDE THE UNITED STATES. THE TERMS "COMPONENT," "DOMESTIC END PRODUCT," "END PRODUCT," FOREIGN END PRODUCT," AND "UNITED STATES" ARE DEFINED IN THE CLAUSE OF THIS SOLICITATION ENTITLED "BUY AMERICAN ACT-NORTH AMERICAN FREE TRADE AGREEMENT-ISRAELI TRADE ACT.

(ii) THE OFFEROR CERTIFIES THAT THE FOLLOWING SUPPLIES ARE NAFTA COUNTRY END PRODUCTS OR ISRAELI END PRODUCTS AS DEFINED IN THE CLAUSE OF THIS SOLICITATION ENTITLED "BUY AMERICAN ACT-NORTH AMERICAN FREE TRADE AGREEMENT-ISRAELI TRADE ACT":

NAFTA COUNTRY OR ISRAELI END PRODUCTS:	COUNTRY OF ORIGIN
LINE ITEM NO.	
_____	_____
_____	_____

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(LIST AS NECESSARY)

(iii) THE OFFEROR SHALL LIST THOSE SUPPLIES THAT ARE FOREIGN END PRODUCTS (OTHER THAN THOSE LISTED IN PARAGRAPH (g)(1)(ii) OF THIS PROVISION) AS DEFINED IN THE CLAUSE OF THIS SOLICITATION ENTITLED "BUY AMERICAN ACT-NORTH AMERICAN FREE TRADE AGREEMENT-ISRAELI TRADE ACT" THE OFFEROR SHALL LIST AS OTHER FOREIGN END PRODUCTS THOSE END PRODUCTS MANUFACTURED IN THE UNITED STATES THAT SO NOT QUALITY AS DOMESTIC END PRODUCTS.

OTHER FOREIGN END PRODUCTS:
 LINE ITEM NO. COUNTRY OF ORIGIN

[LIST AS NECESSARY]

(iv) THE GOVERNMENT WILL EVALUATE OFFERS IN ACCORDANCE WITH THE PROLICIES AND PROCEDURES OF FAR PART 25.

(2) BUY AMERICAN ACT-NORTH AMERICAN FREE TRADE AGREEMENTS-ISRAELI TRADE ACT CERTIFICATE, ALTERNATE I (MAY 2002). IF ALTERNATE I TO THE CLAUSE AT FAR 52.225-3 IS INCLUDED IN THIS SOLICITATION, SUBSTITUE THE FOLLOWING PARAGRAPH (g)(1)(ii) FOR PARAGRAPH (g)(1)(ii) OF THE BASIC PROVISION:

(g)(1)(ii) THE OFFEROR CERTIFIES THAT THE FOLLOWING SUPPLIES ARE CANADIAN END PRODUCTS AS DEFINED IN THE CLAUSE OF THIS SOLICITATION ENTITLED "BUY AMERICAN ACT-NORTH AMERICAN FREE TRADE AGREEMENT-ISRAELI TRADE ACT":

CANADIAN END PRODUCTS:

LINE ITEM NUMBER

[LIST AS NECESSARY]

(3) BUY AMERICAN ACT-NORTH AMERICAN FREE TRADE AGREEMENTS-ISRAELI TRADE ACT- CERTIFICATE, ALTERNATE II (MAY 2002). IF ALTERNATE II TO THE CLAUSE AT FAR 52.225-3 IS INCLUDED IN THIS SOLICITATION, SUBUSTITUTE THE FOLLOWING PARAGRAPH (g)(1)(ii) FOR PARAGRAPH (g)(1)(ii) OF THE BASIC PROVISION:

(g)(1)(ii) THE OFFEROR CERTIFIES THAT THE FOLLOWING SUPPLIES ARE CANADIAN END PRODUCTS OR ISRAELI END PRODUCTS AS DEFINED IN THE CLAUSE OF THIS SOLICITION ENTITLED "BUY AMERICAN ACT-NOTH AMERICAN FREE TRADE AGREEMENT-ISRAELI TRADE ACT".

CANADIAN OR ISRAELI END PRODUCTS:

LINE ITEM NO. COUNTRY OF ORIGIN

[LIST AS NECESSARY]

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(4) TRADE AGREEMENTS CERTIFICATE. (APPLIES ONLY IF THE CLAUSE AT FAR 52.225-5, TRADE AGREEMENTS, IS INCLUDED IN THIS SOLICITATION.)

(i) THE OFFEROR CERTIFIES THAT EACH PRODUCT, EXCEPT THOSE LISTED IN PARAGRAPH (g) (4) (ii) OF THIS PROVISION, IS A U.S.-MADE, DESIGNATED COUNTRY, CARIBBEAN BASIN COUNTRY, OR NAFTA COUNTRY END PRODUCT, AS DEFINED IN THE CLAUSE OF THIS SOLICITATION ENTITLED "TRADE AGREEMENTS."

(ii) THE OFFEROR SHALL LIST AS OTHER END PRODUCTS THOSE END PRODUCTS THAT ARE NOT U.S.-MADE, DESIGNATED COUNTRY, CARIBBEAN BASIN COUNTRY, OR NAFTA COUNTRY END PRODUCTS. _____

OTHER END PRODUCTS:

LINE ITEM NO.	COUNTRY OF ORIGIN
_____	_____
_____	_____
_____	_____

[LIST AS NECESSARY]

(iii) THE GOVERNMENT WILL EVALUATE OFFERS IN ACCORDANCE WITH THE POLICIES AND PROCEDURES OF FAR PART 25. FOR LINE ITEMS SUBJECT TO THE TRADE AGREEMENTS ACT, THE GOVERNMENT WILL EVALUATE OFFERS OF U.S.-MADE, DESIGNATED COUNTRY, CARIBBEAN BASIN COUNTRY OR NAFTA COUNTRY END PRODUCTS WITHOUT REGARD TO THE RESTRICTIONS OF THE BUY AMERICAN ACT. THE GOVERNMENT WILL CONSIDER FOR AWARD ONLY OFFERS OF U.S.-MADE, DESIGNATED CARIBBEAN BASIN COUNTRY, OR NAFTA COUNTRY END PRODUCTS UNLESS THE CONTRACTING OFFICER DETERMINES THAT THERE ARE NO OFFERS FOR SUCH PRODUCTS OR THAT THE OFFERS FOR SUCH PRODUCTS ARE INSUFFICIENT TO FULFILL THE REQUIREMENTS OF THIS SOLICITATION.

(h) CERTIFICATE REGARDING DEBARMENT, SUSPENSION OR INELIGIBILITY FOR AWARD (EXECUTIVE ORDER 12549). (APPLIES ONLY IF THE CONTRACT VALUE IS EXPECTED TO EXCEED THE SIMPLIFIED ACQUISITION THRESHOLD.) THE OFFEROR CERTIFIES, TO THE BEST OF ITS KNOWLEDGE AND BELIEF, THAT THE OFFEROR AND/OR ANY OF ITS PRINCIPALS-

(1) ARE, ARE NOT PRESENTLY DEBARRED, SUSPENDED, PROPOSED FOR DEBARMENT, OR DECLARED INELIGIBLE FOR THE AWARD OF CONTRACTS BY ANY FEDERAL AGENCY; AND

(2) HAVE, HAVE NOT, WITHIN A THREE-YEAR PERIOD PRECEDING THIS OFFER, BEEN CONVICTED OF OR HAD A CIVIL JUDGMENT RENDERED AGAINST THEM FOR: COMMISSION OF FRAUD OR A CRIMINAL OFFENSE IN CONNECTION WITH OBTAINING, ATTEMPTING TO OBTAIN, OR PERFORMING A FEDERAL, STATE, OR LOCAL GOVERNMENT CONTRACT OR SUBCONTRACT; VIOLATION OF FEDERAL OR STATE ANTITRUST STATUTES RELATING TO THE SUBMISSION OF OFFERS; OR COMMISSION OF EMBEZZLEMENT, THEFT, FORGERY, BRIBERY, FALSIFICATION OR DESTRUCTION OF RECORDS, MAKING FALSE STATEMENTS, TAX EVASION, OR RECEIVING STOLEN PROPERTY; AND

(3) ARE, ARE NOT PRESENTLY INDICTED FOR, OR OTHERWISE CRIMINALLY OR CIVILLY CHARGED BY A GOVERNMENT ENTITY WITH, COMMISSION OF ANY OF THESE OFFENSES.

(i) CERTIFICATION REGARDING KNOWLEDGE OF CHILD LABOR FOR LISTED END PRODUCTS (EXECUTIVE ORDER 13126). [THE CONTRACTING OFFICER MUST LIST IN PARAGRAPH (i) (1) ANY END PRODUCTS BEING

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ACQUIRED UNDER THIS SOLICITATION THAT ARE INCLUDED IN THE LIST OF PRODUCTS REQUIRING CONTRACTOR CERTIFICATION AS TO FORCED OR INDENTURED CHILD LABOR, UNLESS EXCLUDED AT FAR 22.1503(b).]

(1) LISTED END PRODUCTS.

LISTED END PRODUCT	LIST OF COUNTRIES OF ORIGIN

(2) CERTIFICATION. [IF THE CONTRACTING OFFICER HAS IDENTIFIED END PRODUCTS AND COUNTRIES OF ORIGIN IN PARAGRAPH (i)(1) OF THIS PROVISION, THEN THE OFFEROR MUST CERTIFY TO EITHER (i)(2)(i) OR (i)(2)(ii) BY CHECKING THE APPROPRIATE BLOCK.]

[] (i) THE OFFEROR WILL NOT SUPPLY ANY END PRODUCT LISTED PARAGRAPH (i)(1) OF THIS PROVISION THAT WAS MINED, PRODUCED, OR MANUFACTURED IN THE CORRESPONDING COUNTRY AS LISTED FOR THAT PRODUCT.

[] (ii) THE OFFEROR MAY SUPPLY AN END PRODUCT LISTED IN PARAGRAPH (i)(1) OF THIS PROVISION THAT WAS MINED, PRODUCED, OR MANUFACTURED IN THE CORRESPONDING COUNTRY AS LISTED FOR THAT PRODUCT. THE OFFEROR CERTIFIES THAT IT HAS MADE A GOOD FAITH EFFORT TO DETERMINE WHETHER FORCED OR INDENTURED CHILD LABOR WAS USED TO MINE, PRODUCE, OR MANUFACTURE ANY SUCH END PRODUCT FURNISHED UNDER THIS CONTRACT. ON THE BASIS OF THOSE EFFORTS, THE OFFEROR CERTIFIES THAT IT IS NOT AWARE OF ANY SUCH USE OF CHILD LABOR.

(END OF PROVISION)

ALTERNATE I (APRIL 2002). AS PRESCRIBED IN 12.301(b)(2), ADD THE FOLLOWING PARAGRAPH (c)(11) TO THE BASIC PROVISION:

(11) (COMPLETE IF THE OFFEROR HAS REPRESENTED ITSELF AS DISADVANTAGED IN PARAGRAPH (c)(4) OR (c)(9) OF THIS PROVISION.)

[THE OFFEROR SHALL CHECK THE CATEGORY IN WHICH ITS OWNERSHIP FALLS]:

- ___ BLACK AMERICAN
- ___ HISPANIC AMERICAN
- ___ NATIVE AMERICAN (AMERICAN INDIAN, ESKIMOS, ALEUTS OR NATIVE HAWAIIANS)
- ___ ASIAN-PACIFIC AMERICAN (PERSONS WITH ORIGINS FROM BURMA, THAILAND, MALAYSIA, INDONESIA, SINGAPORE, BRUNI, JAPAN, CHINA, TAIWAN, LAOS, CAMBODIA (KAMPUCHEA), VIETNAM, KOREA, THE PHILIPPINES, U.S. TRUST TERRITORY OF THE PACIFIC ISLANDS (REPUBLIC OF PALAU), REPUBLIC OF THE MARSHALL ISLANDS, FEDERATED STATES OF MICRONESIA, THE COMMONWEALTH OF THE NORTHERN MARIANA ISLANDS, GUAM, SAMOA, MACAO, HONG KONG, FIJI, TONGA, KIRIBATI, TUVALU, OR NAURU)
- ___ SUBCONTINENT ASIAN (ASIAN-INDIAN) AMERICAN (PERSONS WITH ORIGINS FROM INDIA, PAKISTAN, BANGLADESH, SRI LANKA, BHUTAN, THE MALDIVES ISLANDS OR NEPAL)
- ___ INDIVIDUAL/CONCERN, OTHER THAN ONE OF THE PRECEDING.

ALTERNATE II (OCT 2000) AS PRESCRIBED IN FAR 12.301(b)(2), ADD THE FOLLOWING PARAGRAPH (c)(9)(iii) TO THE BASIC PROVISION:

(iii) ADDRESS. THE OFFEROR REPRESENTS THAT ITS ADDRESS IS, IS NOT IN A REGION FOR WHICH A SMALL DISADVANTAGED BUSINESS PROCUREMENT MECHANISM IS AUTHORIZED AND ITS ADDRESS HAS NOT

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CHANGED SINCE ITS CERTIFICATION AS A SMALL DISADVANTAGED BUSINESS CONCERN OR SUBMISSION OF ITS APPLICATION FOR CERTIFICATION AS A SMALL DISADVANTAGED BUSINESS CONCERN OR SUBMISSION OF ITS APPLICATION FOR CERTIFICATION. THE LIST OF AUTHORIZED SMALL DISADVANTAGED BUSINESS PROCUREMENT MECHANISMS AND REGIONS IS POSTED AT <http://www.arnet.gov/References/sdbadjustments.htm>. THE OFFEROR SHALL USE THE LIST IN EFFECT ON THE DATE OF THIS SOLICITATION. "ADDRESS," AS USED IN THIS PROVISION, MEANS THE ADDRESS OF THE OFFEROR AS LISTED ON THE SMALL BUSINESS ADMINISTRATION'S REGISTER OF SMALL DISADVANTAGED BUSINESS CONCERNS OR THE ADDRESS ON THE COMPLETED APPLICATION THAT THE CONCERN HAS SUBMITTED TO THE SMALL BUSINESS ADMINISTRATION OR A PRIVATE CERTIFIER IN ACCORDANCE WITH 13 CFR PART 124, SUBPART B. FOR JOINT VENTURES, "ADDRESS" REFERS TO THE ADDRESS OF THE SMALL DISADVANTAGED BUSINESS CONCERN THAT IS PARTICIPATING IN THE JOINT VENTURE.

FAR 52.212-4 CONTRACT TERMS AND CONDITIONS - COMMERCIAL ITEMS OCT 2003

FAR 52.212-5 CONTRACT TERMS AND CONDITIONS REQUIRED TO IMPLEMENT STATUTES OR EXECUTIVE ORDERS - COMMERCIAL ITEMS OCT 2003

(a) THE CONTRACTOR SHALL COMPLY WITH THE FOLLOWING FEDERAL ACQUISITION REGULATION (FAR) CLAUSE, WHICH IS INCORPORATED IN THIS CONTRACT BY REFERENCE, TO IMPLEMENT PROVISIONS OF LAW OR EXECUTIVE ORDERS APPLICABLE TO ACQUISITIONS OF COMMERCIAL ITEMS: 52.233-3, PROTEST AFTER AWARD (AUG 1996) 31 U.S.C. 3553).

(b) THE CONTRACTOR SHALL COMPLY WITH THE FAR CLAUSES IN THIS PARAGRAPH (b) WHICH THE CONTRACTING OFFICER HAS INDICATED AS BEING INCORPORATED IN THIS CONTRACT BY REFERENCE TO IMPLEMENT PROVISIONS OF LAW OR EXECUTIVE ORDERS APPLICABLE TO ACQUISITIONS OF COMMERCIAL ITEMS.
[CONTRACTING OFFICER MUST CHECK AS APPROPRIATE.]

- (1) 52.203-6, RESTRICTIONS ON SUBCONTRACTOR SALES TO THE GOVERNMENT, WITH ALTERNATE I (OCT 1995) (41 U.S.C. 253g AND 10 U.S.C. 2402).
- (2) 52.219-3, NOTICE OF TOTAL HUBZONE SMALL BUSINESS SET-ASIDE (JAN 1999) (15 U.S.C. 657a)
- (3) 52.219-4, NOTICE OF PRICE EVALUATION PREFERENCE FOR HUBZONE SMALL BUSINESS CONCERNS (JAN 1999). (IF THE OFFEROR ELECTS TO WAIVE THE PREFERENCE, IT SHALL SO INDICATE IN ITS OFFER) (15 U.S.C. 657a).
- (4) (i) 52.219-5, VERY SMALL BUSINESS SET-ASIDE (JUNE 2003) (PUB. L. 103-403, SECTION 304, SMALL BUSINESS REAUTHORIZATION AND AMENDMENTS ACT OF 1994).
 - (ii) ALTERNATE I (MAR 1999) OF 52.219-5
 - (iii) ALTERNATE II (JUNE 2003) OF 52.219-5.
- (5) (i) 52.219-6 NOTICE OF TOTAL SMALL BUSINESS SET-ASIDE (JUNE 2003) (15 U.S.C. 644).
 - (ii) ALTERNATE I (OCT 1995) OF 52.219-6.
- (6) (i) 52.219-7, NOTICE OF PARTIAL SMALL BUSINESS SET-ASIDE (JUNE 2003) (15 U.S.C. 644).
 - (ii) ALTERNATE I (OCT 1995) OF 52.219-7.
- (7) 52.219-8, UTILIZATION OF SMALL BUSINESS CONCERNS (OCT 2000) (15 U.S.C. 637(d)(2) AND (3)).
- (8) (i) 52.219-9 SMALL BUSINESS SUBCONTRACTING PLAN (JAN 2002)

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- (15 U.S.C. 637(d)(4)).
- (ii) ALTERNATE I (OCT 2001) OF 52.219-9.
- (iii) ALTERNATE II (OCT 2001) OF 52.219-9.
- (9) 52.219-14 LIMITATIONS OF SUBCONTRACTING (DEC 1996)
- (15 U.S.C. 637(a)(14)).
- (10)(i) 52.219-23 NOTICE OF PRICE EVALUATION ADJUSTMENT FOR SMALL DISADVANTAGED BUSINESS CONCERNS (JUNE 2003) (PUB. L. 103-355, SECTION 7102, AND 10 U.S.C. 2323) (IF OFFEROR ELECTS TO WAIVE THE ADJUSTMENT, IT SHALL SO INDICATE IN ITS OFFER.
- (ii) ALTERNATE I (JUNE 2003) OF 52.219-23.
- (11) 52.219-25 SMALL DISADVANTAGED BUSINESS PARTICIPATION PROGRAM-DISADVANTAGED STATUS AND REPORTING (OCT 1999) (PUB.L. 103-355, SECTION 7102, AND 10 U.S.C. 2323)
- (12) 52.219-26, SMALL DISADVANTAGED BUSINESS PARTICIPATION PROGRAM-INCENTIVE SUBCONTRACTING (OCT 2000) (PUB.L.103-355, SECTION 7102, AND 10 U.S.C.2323)
- (13) 52.222-3 CONVICT LABOR (JUNE 2003) (E.O. 11755).
- (14) 52.222-19, CHILD LABOR-COORPORATION WITH AUTHORITIES AND REMEDIES (SEP 2002) (E.O. 13126).
- X (15) 52.222-21, PROHIBITION OF SEGREGATED FACILITIES (FEB 99).
- X (16) 52.222-26, EQUAL OPPORTUNITY (APR 2002) (E.O. 11246).
- X (17) 52.222-35, EQUAL OPPORTUNITY FOR SPECIAL DISABLED VETERANS, VETERANS OF THE VIETNAM ERA, AND OTHER ELIGIBLE VETERANS (DEC 2001) (38.U.S.C. 4212).
- X (18) 52.222-36, AFFIRMATIVE ACTION FOR WORKERS WITH DISABILITIES (JUN 1998) (29 U.S.C.793).
- (19) 52.222-37, EMPLOYMENT REPORTS ON SPECIAL DISABLED VETERANS, VETERANS OF THE VIETNAM ERA, AND OTHER ELIGIBLE VETERANS (DEC 2001) (38 U.S.C. 4212)
- (20)(i) 52.223-9, ESTIMATE OF PERCENTAGE OF RECOVERED MATERIAL CONTENT FOR EPA-DESIGNATED PRODUCTS (AUG 2000) (42 U.S.C. 6962(c)(3)(A)(ii)).
- (ii) ALTERNATE I (AUG 2000) OF 52.223-9 (42 U.S.C. 6962(c)(3)(A)(ii)).
- (21) 52.225-1 BUY AMERICAN ACT-SUPPLIES (JUN 2003) (41 U.S.C. 10a-10d).
- (22)(i) 52.225-3, BUY AMERICAN ACT-NORTH AMERICAN FREE TRADE AGREEMENT-ISRAELI TRADE ACT (JUNE 2003) (41 U.S.C. 10a-10d, 19 U.S.C. 3301 NOTE, 19 U.S.C. 2212 NOTE).
- (ii) ALTERNATE I (MAY 2002) OF 52.225-3.
- (iii) ALTERNATE II (MAY 2002) OF 52.225-3.
- (23) 52.225-5, TRADE AGREEMENTS (JUNE 2003) (19 U.S.C. 2501, es seq., 19 U.S.C. 3301 NOTE).
- X (24) 52.225-13, RESTRICTIONS OF CERTAIN FOREIGN PURCHASES (OCT 2003) (E.o.s, PROCLAMATIONS, AND STATUTES ADMINISTERED BY THE OFFICE OF FOREIGN ASSETS CONTROL OF THE DEPARTMENT OF TREASURY).
- (25) 52.225-15, SANCTIONED EUROPEAN UNION COUNTRY END PRODUCTS (FEB 2000) (E.O. 12849).
- (26) 52.225-16 SANCTIONED EUROPEAN UNION COUNTRY SERVICES (FEB 2000) (E.O. 12849).
- (27) 52.232-29 TERMS FOR FINANCING OF PURCHASES OF COMMERCIAL ITEMS (FEB 2002) (41 U.S.C. 255(f), 10 U.S.C. 2307(f)).
- (28) 52.232-30, INSTALLMENT PAYMENTS FOR COMMERCIAL ITEMS (OCT 1995) (41 U.S.C. 255(f), 10 U.S.C. 2307(f)).
- X (29) 52.532-33 PAYMENT BY ELECTRONIC FUNDS TRANSFER-CENTRAL CONTRACTOR REGISTRATION (OCT 2003) (31 U.S.C. 3332).
- (30) 52.232-34, PAYMENT BY ELECTRONIC FUNDS TRANSFER-OTHER THAN CENTRAL CONTRATOR REGISTRATION (MAY 1999) (31U.S.C.3332).

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- (31) 52.232-36 PAYMENT BY THIRD PARTY (MAY 99) (31 U.S.C. 3332)
- (32) 52.239-1 PRIVACY OR SECURITY SAFEGUARDS (AUG 98) (5 U.S.C. 522(a)).
- (33)(i) 52.247-64, PREFERENCE FOR PRIVATELY OWNED U.S. FLAG COMMERCIAL VESSELS (APR 03) (46 U.S.C. APPX 1241 AND 10 U.S.C. 2631.
- (ii) ALTERNATE I (APRIL 1984) OF 52.247-64

(c) THE CONTRACTOR SHALL COMPLY WITH THE FAR CLAUSES IN THIS PARAGRAPH (c), APPLICABLE TO COMMERCIAL SERVICES, THAT THE CONTRACTING OFFICER HAS INDICATED AS BEING INCORPORATED IN THIS CONTRACT BY REFERENCE TO IMPLEMENT PROVISIONS OF LAW OR EXECUTIVE ORDER APPLICABLE TO ACQUISITIONS OF COMMERCIAL ITEMS:

[CONTRACTING OFFICER CHECK AS APPROPRIATE]

- (1) 52.222-41 SERVICE CONTRACT ACT OF 1965, AS AMENDED (MAY 1989) (41 U.S.C. 351, et seq.).
- (2) 52.222-42 STATEMENT OF EQUIVALENT RATES FOR FEDERAL HIRES (MAY 1989) (29 U.S.C. 206 AND 41 U.S.C. 351, et seq.).
- (3) 52.222-43 FAIR LABOR STANDARDS ACT AND SERVICE CONTRACT ACT-PRICE ADJUSTMENT (MULTIPLE YEAR AND OPTION CONTRACTS) (MAY 1989) (29 U.S.C. 206 AND 41 U.S.C. 351 et seq.).
- (4) 52.222-44 FAIR LABOR STANDARDS ACT AND SERVICE CONTRACT ACT-PRICE ADJUSTMENT (FEB 2002) (29 U.S.C. 206 AND 41 U.S.C. 351 et seq.).
- (5) 52.222-47, SCA MINIMUM WAGES AND FRINGE BENEFITS APPLICABLE TO SUCCESSOR CONTRACT PURSUANT TO PREDECESSOR CONTRACTOR COLLECTIVE BARGAINING AGREEMENTS (CBA) (MAY 1989) (41 U.S.C. 351, et seq.).

(d) COMPTROLLER GENERAL EXAMINATION OF RECORD. THE CONTRACTOR SHALL COMPLY WITH THE PROVISIONS OF THIS PARAGRAPH (d) IF THIS CONTRACT WAS AWARDED USING OTHER THAN SEALED BID, IS IN EXCESS OF THE SIMPLIFIED ACQUISITION THRESHOLD, AND DOES NOT CONTAIN THE CLAUSE AT 52.215-2, AUDIT AND RECORDS-NEGOTIATION.

(1) THE COMPTROLLER GENERAL OF THE UNITED STATES OR AN AUTHORIZED REPRESENTATIVE OF THE COMPTROLLER GENERAL SHALL HAVE ACCESS TO AND RIGHT TO EXAMINE ANY OF THE CONTRACTOR'S DIRECTLY PERTINENT RECORDS INVOLVING TRANSACTIONS RELATED TO THIS CONTRACT.

(2) THE CONTRACTOR SHALL MAKE AVAILABLE AT ITS OFFICES ALL REASONABLE TIMES THE RECORDS, MATERIALS, AND OTHER EVIDENCE FOR EXAMINATION, AUDIT, OR REPRODUCTION, UNTIL 3 YEARS AFTER ANY FINAL PAYMENT UNDER THIS CONTRACT OR FOR ANY SHORTER PERIOD SPECIFIED IN FAR SUBPART 4.7, CONTRACTOR RECORDS RETENTION, OF THE OTHER CLAUSES OF THIS CONTRACT. IF THIS CONTRACT IS COMPLETELY OR PARTIALLY TERMINATED, THE RECORDS RELATING TO THE WORK TERMINATED SHALL BE MADE AVAILABLE FOR 3 YEARS AFTER ANY RESULTING FINAL TERMINATION SETTLEMENT. RECORDS RELATING TO APPEALS UNDER THE DISPUTES CLAUSE OR TO LITIGATION OR THE SETTLEMENT OF CLAIMS ARISING UNDER OR RELATING TO THIS CONTRACT SHALL BE MADE AVAILABLE UNTIL SUCH APPEALS, LITIGATION OR CLAIMS ARE FINALLY RESOLVED.

(3) AS USED IN THIS CLAUSE, RECORDS INCLUDE BOOKS, DOCUMENTS, ACCOUNTING PROCEDURES AND PRACTICES, AND OTHER DATA, REGARDLESS OF TYPE AND REGARDLESS OF FORM. THIS DOES NOT REQUIRE THE CONTRACTOR TO CREATE OR MAINTAIN ANY RECORD THAT THE

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CONTRACTOR DOES NOT MAINTAIN IN THE ORDINARY COURSE OF BUSINESS OR PURSUANT TO A PROVISION OF LAW.

(e) (1) NOTWITHSTANDING THE REQUIREMENTS OF THE CLAUSES IN PARAGRAPHS (a), (b), (c), AND (d) OF THIS CLAUSE, THE CONTRACTOR IS NOT REQUIRED TO FLOW DOWN ANY FAR CLAUSE, OTHER THAN THOSE IN PARAGRAPHS (i) THROUGH (vi) OF THIS PARAGRAPH IN A SUBCONTACT FOR COMMERCIAL ITEMS. UNLESS OTHERWISE INDICATED BELOW, THE EXTENT OF THE FLOW DOWN SHALL BE AS REQUIRED BY THE CLAUSE-

(i) 52.219-8 UTILIZATION OF SMALL BUSINESS CONCERNS (OCT 2000) (15 U.S.C. 637(d)(2) AND (3)), IN ALL SUBCONTRACTS THAT OFFER FURTHER SUBCONTRACTING OPPORTUNITIES. IF THE SUBCONTRACT (EXCEPT SUBCONTRACTS TO SMALL BUSINESS CONCERNS) EXCEEDS \$5,000,000 (\$1,000,000 FOR CONSTRUCTION OF ANY PUBLIC FACILITY), THE SUBCONTRACTOR MUST INCLUDE 52.219-8 IN LOWER TIER SUBCONTRACTS THAT OFFER SUBCONTRACTING OPPORTUNITIES.
(ii) 52.222-26, EQUAL OPPORTUNITY (APR 02) (E.O. 11246).
(iii) 52.222-35, EQUAL OPPORTUNITY FOR SPECIAL DISABLED VETERANS, VETERANS OF VIETNAM ERA, AND OTHER ELIGIBLE VETERANS (DEC 2001) (38 U.S.C. 4212).
(iv) 52.222-36 AFFIRMATIVE ACTION FOR WORKERS WITH DISABILITIES (JUNE 1998) (29 U.S.C. 793).
(v) 52.222-41 SERVICE CONTRACT ACT OF 1965, AS AMENDED (MAY 1989), FLOW DOWN REQUIRED FOR ALL SUBCONTRACTS SUBJECT TO THE SERVICE CONTRACT ACT OF 1965 (41 U.S.C. 351, et seq).
(vi) 52.247-64 PREFERENCE FOR PRIVATELY OWNED U.S. FLAG COMMERCIAL VESSELS (APR 2003) (46 U.S.C. APPX 1241 AND 10 U.S.C. 2631).
FLOW DOWN REQUIRED IN ACCORDANCE WITH PARAGRAPH (d) OF FAR CLAUSE 52.247-64.

(2) WHILE NOT REQUIRED, THE CONTRACTOR MAY INCLUDE IN ITS SUBCONTRACTS FOR COMMERCIAL ITEMS A MINIMAL NUMBER OF ADDITIONAL CLAUSES NECESSARY TO SATISFY ITS CONTRACTUAL OBLIGATIONS.

(END OF CLAUSE)

ALTERNATE I (FEB 2000) AS PRESCRIBED IN 12.301(b)(4), DELETE PARAGRAPH (d) FROM THE BASIC CLAUSE, REDESIGNATE PARAGRAPH (e) AS PARAGRAPH (d), AND REVISE THE REFERENCE TO "PARAGRAPHS (a), (b), (c) OR (d) OF THIS CLAUSE" IN THE REDESIGNATED PARAGRAPH (d) TO READ "PARAGRAPHS (a), (b), AND (c) OF THIS CLAUSE".

DFARS 252.212-7001 CONTRACT TERMS AND CONDITIONS REQUIRED TO IMPLEMENT STATUTES OR EXECUTIVE ORDERS APPLICABLE TO DEFENSE ACQUISITIONS OF COMMERCIAL ITEMS JUN 2003

(a) THE CONTRACTOR AGREES TO COMPLY WITH THE FOLLOWING FEDERAL ACQUISITION REGULATION (FAR) CLAUSE WHICH, IF CHECKED, IS INCLUDED IN THIS CONTRACT BY REFERENCE TO IMPLEMENT A PROVISION OF LAW APPLICABLE TO ACQUISITIONS OF COMMERCIAL ITEMS OR COMPONENTS.

___ 52.203-3 GRATUITIES (APR 1984) (10 U.S.C. 2207)

(b) THE CONTRACTOR AGREES TO COMPLY WITH ANY CLAUSE THAT IS CHECKED ON THE FOLLOWING LIST OF DEFENSE FAR SUPPLEMENT CLAUSES WHICH, IF CHECKED, IS INCLUDED IN THIS CONTRACT BY REFERENCE TO IMPLEMENT PROVISIONS OF LAW OR EXECUTIVE ORDERS APPLICABLE TO

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ACQUISITIONS OF COMMERICAL ITEMS OR COMPONENTS.

- 252.205-7000 PROVISION OF INFORMATION TO COOPERATIVE AGREEMENT HOLDERS (DEC 1991) (10 U.S.C. 2416)
- 252.219-7003 SMALL, SMALL DISADVANTAGED AND WOMEN-OWNED SMALL BUSINESS SUBCONTRACTING PLAN (DOD CONTRACTS) (APRIL 1996) (15 U.S.C. 637)
- 252.219-7004 SMALL, SMALL DISADVANTAGED AND WOMEN-OWNED SMALL BUSINESS SUBCONTRACTING PLAN (TEST PROGRAM) (JUN 1997) (15 U.S.C. 637 NOTE)
- X 252.225-7001 BUY AMERICAN ACT AND BALANCE OF PAYMENTS PROGRAM (APR 2003) (41 U.S.C. 10a-10d, E.O. 10582)
- 252.225-7012 PREFERENCE FOR CERTAIN DOMESTIC COMMODITIES (FEB 2003) (10 U.S.C. 2533a)
- 252.225-7014 PREFERENCE FOR DOMESTIC SPECIALTY METALS (APR 2003) (10 U.S.C. 2533a)
- 252.225-7015 RESTRICTION ON ACQUISITION OF HAND OR MEASURING TOOLS (APR 2003) (10U.S.C. 2533a).
- 252.225-7016 RESTRICTION ON ACQUISITION OF BALL AND ROLLER BEARINGS (APR 2003) (___ ALTERNATE I) (APR 2003) (10U.S.C. 2534 AND SECTION 8099 OR PUB.L. 104-61 AND SIMILAR SECTIONS IN SUBSEQUENT DOD APPROPRIATIONS ACTS.)
- 252.225-7021 TRADE AGREEMENTS (APR 2003) (19U.S.C. 2501-2518 AND 19U.S.C 3301 NOTE)
- 252.225-7027 RESTRICTION ON CONTINGENT FEES FOR FOREIGN GOVERNMENTS (APR 2003) (22U.S.C. 2779)
- 252.225-7028 EXCLUSIONARY POLICIES AND PRACTICES OF FOREIGN GOVERNMENTS (APR 2003) (22U.S.C. 2755).
- 252.225-7036 BUY AMERICAN ACT-NORTH AMERICAN FREE TRADE AGREEMENT IMPLEMENTATION ACT-BALANCE OF PAYMENTS PROGRAM (APR 2003) (___ ALT I) (APR 2003) (41 U.S.C. 10a-10d AND 19 U.S.C. 3301 NOTE)
- 252.225-7038 RESTRICTION ON ACQUISITION OF AIR CIRCUIT BREAKERS (APR 2003) (10 U.S.C. 2534(a)(3)).
- 252.227-7015 TECHNICAL DATA - COMMERCIAL ITEMS (NOV 1995) (10 U.S.C. 2320).
- 252.227-7037 VALIDATION OF RESTRICTIVE MARKINGS ON TECHNICAL DATA (SEP 1999) (10 U.S.C. 2321).
- 252.232-7003 ELECTRONIC SUBMISSION OF PAYMENT REQUESTS (MAR 2003) (10 U.S.C. 2227).
- 252.243-7002 REQUESTS FOR EQUITABLE ADJUSTMENT (MAR 1998) (10 U.S.C. 2227).
- X 252.247-7023 TRANSPORTATION OF SUPPLIES BY SEA (MAY 2002) (___ ALTERNATE I) (MAR 2000) (___ ALTERNATE II) (MAR 2000) (___ ALTERNATE III) (MAY 2002) (10 U.S.C. 2631).
- 252.247-7024 NOTIFICATION OF TRANSPORTATION OF SUPPLIES BY SEA (MAR 2000) (10 U.S.C. 2631).

(c) IN ADDITION TO THE CLAUSES LISTED IN PARAGRAPH (e) OF THE CONTRACT TERMS AND CONDITIONS REQUIRED TO IMPLEMENT STATUES OR EXECUTIVE ORDERS - COMMERICAL ITEMS CLAUSE OF THIS CONTRACT (FAR 52.212-5), THE CONTRACTOR SHALL INCLUDE THE TERMS OF THE FOLLOWING CLAUSES, IF APPLICABLE, IN SUBCONTRACTS FOR COMMERCIAL ITEMS OR COMMERCIAL COMPONETS, AWARDED AT ANY TIER UNDER THIS CONTRACT.

- 252.225-7014 PREFERENCE FOR DOMESTIC SPECIALTY METALS, ALTERNATE I (APR 2003) (10 U.S.C. 2533a).
- 252.247-7023 TRANSPORTATION OF SUPPLIES BY SEA (MAY 2002) (10 U.S.C. 2631).
- 252.247-7024 NOTIFICATION OF TRANSPORTATION OF SUPPLIES BY SEA

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(MAR 2000) (10 U.S.C. 2631).

(END OF CLAUSE)

DFARS 252.204-7004 REQUIRED CENTRAL CONTRACTOR REGISTRATION

NOV 2001

(a) DEFINITIONS. AS USED IN THIS CLAUSE --

(1) "CENTRAL CONTRACTOR REGISTRATION (CCR) DATABASE" MEANS THE PRIMARY DOD REPOSITORY FOR CONTRACTOR INFORMATION REQUIRED FOR THE CONDUCT OF BUSINESS WITH DOD.

(2) "DATA UNIVERSAL NUMBER SYSTEM (DUNS) NUMBER" MEANS THE 9-DIGIT NUMBER ASSIGNED BY DUN AND BRADSTREET INFORMATION SERVICES TO IDENTIFY UNIQUE BUSINESS ENTITIES.

(3) "DATA UNIVERSAL NUMBERING SYSTEM +4 (DUNS+4) NUMBER" MEANS THE DUNS NUMBER ASSIGNED BY DUN AND BRADSTREET PLUS A 4-DIGIT SUFFIX THAT MAY BE ASSIGNED BY A PARENT (CONTROLLING) BUSINESS CONCERN. THIS 4-DIGIT SUFFIX MAY BE ASSIGNED AT THE DISCRETION OF THE PARENT BUSINESS CONCERN FOR SUCH PURPOSES AS IDENTIFYING SUBUNITS OR AFFILIATES OF THE PARENT BUSINESS CONCERN.

(4) "REGISTERED IN THE CCR DATABASE" MEANS THAT ALL MANDATORY INFORMATION, INCLUDING THE DUNS NUMBER OR THE DUNS+4 NUMBER, IF APPLICABLE, AND THE CORRESPONDING COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE, IS IN THE CCR DATABASE; THE DUNS NUMBER AND THE CAGE CODE HAVE BEEN VALIDATED; AND ALL EDITS HAVE BEEN SUCCESSFULLY COMPLETED.

(b) (1) BY SUBMISSION OF AN OFFER, THE OFFEROR ACKNOWLEDGES THE REQUIREMENT THAT A PROSPECTIVE AWARDEE MUST BE REGISTERED IN THE CCR DATABASE PRIOR TO AWARD, DURING PERFORMANCE, AND THROUGH FINAL PAYMENT OF ANY CONTRACT RESULTING FROM THIS SOLICITATION, EXCEPT FOR AWARDS TO FOREIGN VENDORS FOR WORK TO BE PERFORMED OUTSIDE THE UNITED STATES.

(2) THE OFFEROR SHALL PROVIDE ITS DUNS OR, IF APPLICABLE, ITS DUNS+4 NUMBER WITH ITS OFFER, WHICH WILL BE USED BY THE CONTRACTING OFFICER TO VERIFY THAT THE OFFEROR IS REGISTERED IN THE CCR DATABASE.

(3) LACK OF REGISTRATION IN THE CCR DATABASE WILL MAKE AN OFFEROR INELIGIBLE FOR AWARD.

(4) DOD HAS ESTABLISHED A GOAL OF REGISTERING AN APPLICANT IN THE CCR DATABASE WITHIN 48 HOURS AFTER RECEIPT OF A COMPLETE AND ACCURATE APPLICATION VIA THE INTERNET. HOWEVER, REGISTRATION OF AN APPLICANT SUBMITTING AN APPLICATION THROUGH A METHOD OTHER THAN THE INTERNET MAY TAKE UP TO 30 DAYS. THEREFORE, OFFERORS THAT ARE NOT REGISTERED SHOULD CONSIDER APPLYING FOR REGISTRATION IMMEDIATELY UPON RECEIPT OF THIS SOLICITATION.

(c) THE CONTRACTOR IS RESPONSIBLE FOR THE ACCURACY AND COMPLETENESS OF THE DATA WITHIN THE CCR, AND FOR ANY LIABILITY RESULTING FROM THE GOVERNMENT'S RELIANCE ON INACCURATE OR INCOMPLETE DATA. TO REMAIN REGISTERED IN THE CCR DATABASE AFTER THE INITIAL REGISTRATION, THE CONTRACTOR IS REQUIRED TO CONFIRM ON AN ANNUAL BASIS THAT ITS INFORMATION IN THE CCR DATABASE IS ACCURATE AND COMPLETE.

(d) OFFERORS AND CONTRACTORS MAY OBTAIN INFORMATION ON REGISTRATION AND ANNUAL CONFIRMATION REQUIREMENTS BY CALLING 1-888-227-2423, OR VIA THE INTERNET AT <http://www.ccr.gov>

CONTINUATION SHEET

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VENDOR:

SECTION C DESCRIPTION/SPECIFICATIONS

FAR 52.204-6 DATA UNIVERSAL NUMBERING SYSTEM (DUNS) NUMBER

JUN 1999

SECTION F TIME OF DELIVERY

DELIVERIES SHALL BE IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS

ITEM	QUANTITY	DELIVERY REQUIRED
0001	2 EA	04-FEB-16 OR SOONER

SECTION L INSTRUCTIONS AND CONDITIONS

SUP 5252.213-9401 NOTICE TO PROSPECTIVE SUPPLIERS

APR 1997

(A) THIS PROCUREMENT IS SUBJECT TO THE NAVY'S RED/YELLOW/GREEN (RYG) PROGRAM. RYG IS AUTHORIZED BY THE ASSISTANT SECRETARY OF THE NAVY (RESEARCH, DEVELOPMENT, AND ACQUISITION) FOR USE IN THE ACQUISITION OF SUPPLIES AND SERVICES USED TO BUILD, MAINTAIN AND OPERATE THE FLEET.

(B) THE GOVERNMENT RESERVES THE RIGHT TO AWARD TO THE SUPPLIER WHOSE QUOTE REPRESENTS THE BEST VALUE TO THE GOVERNMENT. AS, SUCH, THE BASIS FOR AWARD WILL INCLUDE AN EVALUATION OF EACH SUPPLIER'S PAST PERFORMANCE HISTORY FOR THE FEDERAL SUPPLY CLASS(ES) OR SERVICE CODES(S) (FSCs) OF THE SUPPLIES AND SERVICES BEING PURCHASED. THE PRICE TO BE CONSIDERED IN DETERMINING BEST VALUE WILL BE THE EVALUATED PRICE AFTER APPLICATION OF TECHNICAL EVALUATION ADJUSTMENTS (TEAS).

(C) THE PROCEDURES DESCRIBED IN THE CLAUSE ENTITLED, "ADDITIONAL EVALUATION FACTOR FOR CONSIDERATION OF PAST PERFORMANCE - NAVY RED/YELLOW/GREEN PROGRAM (APR 1997)", WILL BE USED TO ASSIST IN DETERMINING BEST VALUE FOR THE GOVERNMENT.

SUP 5252.213-9402

ADDITIONAL EVALUATION FACTOR FOR CONSIDERATION OF PAST PERFORMANCE - NAVY RED/YELLOW/GREEN PROGRAM

APR 1997

(A) THIS PROCUREMENT IS SUBJECT TO THE NAVY'S RED/YELLOW/GREEN (RYG) PROGRAM, AUTHORIZED BY THE ASSISTANT SECRETARY OF THE NAVY (RESEARCH, DEVELOPMENT AND ACQUISITION) FOR USE BY PARTICIPATING ACTIVITIES DURING THE ACQUISITION OF SUPPLIES AND SERVICES USED TO BUILD, MAINTAIN, AND OPERATE THE FLEET.

(B) THE PURPOSE OF RYG IS TO ASSIST CONTRACTING PERSONNEL DURING SOURCE SELECTION TO DETERMINE THE BEST VALUE FOR

CONTINUATION SHEET

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VENDOR:

SECTION L INSTRUCTIONS AND CONDITIONS

THE GOVERNMENT. THE PROGRAM USES ACCUMULATED SUPPLIER BEST PERFORMANCE DATA TO CLASSIFY EACH SUPPLIER'S PERFORMANCE BY FEDERAL SUPPLY CLASS(ES) OR SERVICE CODE(S) (FSCs) AS EITHER RED (HIGH RISK), YELLOW (MODERATE RISK), GREEN (LOW RISK) OR NEUTRAL (NO RISK ESTABLISHED).

(C) TO ASSIST IN SOURCE SELECTION, A MONETARY ASSESSMENT IN THE FORM OF A TECHNICAL EVALUATION ADJUSTMENT (TEA) IS ADDED TO EACH SUPPLIER'S QUOTE HAVING A RED OR YELLOW CLASSIFICATION FOR THE FSC INVOLVED. THE DOLLAR AMOUNT OF THE RED OR YELLOW TEA ASSESSMENT IS BASED ON THE COST TO THE GOVERNMENT OF EFFECTING ADDITIONAL ACTIONS REQUIRED TO ASSURE PERFORMANCE BY A SUPPLIER WITH AN UNSATISFACTORY PERFORMANCE HISTORY FOR THE FSC(s) INVOLVED. NO TEA IS ASSESSED FOR A SUPPLIER HAVING EITHER A GREEN OR NEUTRAL FSC RYG CLASSIFICATION. FOR PURPOSES OF THE RYG PROGRAM, A NEUTRAL CLASSIFICATION IS ASSIGNED TO SUPPLIERS WHO ARE FIRST TIME QUOTERS TO THE GOVERNMENT FOR THE FSC(s) INVOLVED, SUPPLIERS OTHERWISE HAVING NO PERFORMANCE DATA IN THE RYG DATABASE FOR THE FSC(s) INVOLVED, AND SUPPLIERS WHOSE PAST PERFORMANCE DATA IN THE RYG DATABASE FOR THE FSC(s) INVOLVED ARE OVER THREE YEARS OLD. AFTER CONSIDERATION OF ANY OTHER PERTINENT, PRICE-RELATED FACTORS (E.G., TRANSPORTATION CHARGES, FIRST ARTICLE TESTING, DISCOUNT TERMS), THE ADJUSTED PRICE BECOMES THE BASIS FOR DETERMINING AWARD. A SUPPLIER'S RYG CLASSIFICATION MAY CHANGE OVER TIME AS NEW OR REVISED PERFORMANCE DATA BECOMES AVAILABLE.

(D) RYG CLASSIFICATIONS ARE SUMMARIZED AS FOLLOWS:

(1) GREEN IS LOW RISK. NO PERFORMANCE ASSURANCE ACTIONS ARE CONSIDERED NECESSARY. NO TEA WILL BE ASSESSED.

(2) YELLOW IS MODERATE RISK. ADDITIONAL PERFORMANCE ASSURANCE ACTIONS ARE CONSIDERED NECESSARY. A TEA WILL BE APPLIED TO THE PROSPECTIVE SUPPLIER'S PRICE TO REFLECT THE GOVERNMENT'S ESTIMATED ADDITIONAL COSTS.

(3) RED IS HIGH RISK. SIGNIFICANT ADDITIONAL PERFORMANCE ASSURANCE REQUIREMENTS ARE CONSIDERED NECESSARY. A TEA WILL BE APPLIED TO THE PROSPECTIVE SUPPLIER'S PRICE TO REFLECT THE GOVERNMENT'S ESTIMATED ADDITIONAL COSTS.

(4) NEUTRAL IS NO RISK ESTABLISHED. NO TEA IS ASSESSED; NEVERTHELESS, ADDITIONAL PERFORMANCE ASSURANCE REQUIREMENTS MAY BE CONSIDERED NECESSARY TO ASSURE QUALITY AND ON-TIME DELIVERY.

(E) RYG CLASSIFICATIONS FOR ALL APPLICABLE FSCs ARE ESTABLISHED MONTHLY FOR EACH SUPPLIER AND PROVIDED TO THEM. SUPPLIERS MAY ADDRESS QUESTIONS ABOUT THEIR FSC RYG CLASSIFICATIONS TO THE NAVAL SEA SYSTEMS COMMAND DETACHMENT, NAVAL MATERIAL QUALITY ASSESSMENT OFFICE (NMQAO), FEDERAL BUILDING, ROOM 400, 80 DANIEL STREET, PORTSMOUTH, NH 03801-3884, TELEPHONE (603)431-9460, EXT 464. SUPPLIERS MAY ALSO ASSESS THEIR INDIVIDUAL FSC RYG CLASSIFICATIONS THOROUGH THE AUTOMATED VENDOR ACCESS PROGRAM. TO OBTAIN AUTOMATED ACCESS, WRITTEN REQUESTS MUST BE SUBMITTED ON

CONTINUATION SHEET

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VENDOR:

SECTION L INSTRUCTIONS AND CONDITIONS

COMPANY LETTERHEAD TO NMQAO AT THE ADDRESS ABOVE. THE REQUEST MUST INCLUDE THE REQUESTOR'S NAME, TITLE, COMPANY NAME, ADDRESS, TELEPHONE NUMBER AND CONTRACTOR AND GOVERNMENT ENTITY (CAGE) CODE. THE CAGE CODE IS MANDATORY. IN RESPONSE, NMQAO WILL PROVIDE EACH SUPPLIER, WITHOUT CHARGE, WITH AN INDIVIDUAL PASSWORD, ALL REQUIRED SOFTWARE, AND INFORMATION ON ACCESSING ITS INDIVIDUAL DATA. ADDITIONAL INFORMATION ON THE AUTOMATED VENDOR ACCESS PROGRAM IS AVAILABLE BY CALLING (603) 431-9460, EXT 464.

INSPECTION AND ACCEPTANCE SHALL BE MADE AT DESTINATION BY A REPRESENTATIVE OF THE GOVERNMENT.

FAR 52.219-6 NOTICE OF TOTAL SMALL BUSINESS SET-ASIDE

JUL 1996

FAR 52.211-14 NOTICE OF PRIORITY RATING FOR DEFENSE USE

SEP 1990

ANY CONTRACT AWARDED AS A RESULT OF THIS SOLICITATION WILL BE DX RATED ORDER; XX DO RATED ORDER CERTIFIED FOR NATIONAL DEFENSE USE UNDER THE DEFENSE PRIORITIES AND ALLOCATIONS SYSTEM (DPAS) (15 CFR 700), AND THE CONTRACTOR WILL BE REQUIRED TO FOLLOW ALL OF THE REQUIREMENTS OF THIS REGULATION.

52.214-21 Descriptive Literature.

As prescribed in 14.201-6(p)(1), insert the following provision:

Descriptive Literature (Apr 2002)

- (a) "Descriptive literature," as used in this provision, means information furnished by a bidder, such as cuts, illustrations, drawings, and brochures, that shows a product's characteristics or construction or explains its operation. The term includes only that information required to evaluate the acceptability of the product and excludes other information for operating or maintaining the product.
- (b) Descriptive literature is required to establish, for the purpose of evaluation and award, details of the product offered that are specified elsewhere in the solicitation and pertain to significant elements such as-
 - (1) Design;
 - (2) Materials;
 - (3) Components;
 - (4) Performance characteristics; and
 - (5) Methods of manufacture, assembly, construction, or operation.
- (c) Descriptive literature, required elsewhere in this solicitation, shall be-
 - (1) Identified to show the item(s) of the offer to which it applies; and
 - (2) Received by the time specified in this solicitation.
- (d) If the bidder fails to submit descriptive literature on time, the Government will reject the bid, except that late descriptive literature sent by mail may be considered under the Late Submissions, Modifications, and Withdrawals of Bids provision of this solicitation.
- (e) If the descriptive literature fails to show that the product offered conforms to the requirements of the solicitation, the Government will reject the bid.

(End of provision)

QUALITY ASSURANCE

Acceptance inspection of lots or batches will be in accordance with American National Standard ANSI/ASQC Z1.4-1993. Unless otherwise specified, attributes, which if defective would prohibit or reduce the usability of the product for its intended purpose, will be inspected at an acceptable quality level (AQL) of 1.0. Attributes which do not materially reduce the usability of the product will be inspected at an AQL of 2.5. Any attribute classified as critical on the technical documentation will be inspected on each unit of product submitted. The right is reserved to reject any unit of product found nonconforming during inspection whether that unit of product forms a part of a sample or not, and whether the lot or batch as a whole is accepted or rejected.

APPLICATION		REVISIONS									
NEXT ASSY	USED ON	LTR	DESCRIPTION							DATE	APPROVED
	SQS-56	-	ORIGINATED							-	-
		A	SECO-28615 REDRAWN							3/23/76	
		B	SECO-28676							5/3/76	
		C	SEE MECO 9342							8/16/77	
		D	SEE SECO 9460 EK8 50M							1 NOV 77	
		E	SEE SECO 9564 EK8							1-5-78	
		F	SEE SECO 66588							3-22-83	<i>[Signature]</i>
		G	SEE MECO 66667							9-23-83	<i>[Signature]</i>

REV STATUS OF SHEETS	REV LTR	G	G	A	A	B												SPECIFICATION CONTROL DRAWING
	SHEET NO.	1	2	3	4	5												

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES: ANGLES ± FRACTIONS ± 3 PLACE DECIMALS ± 2 PLACE DECIMALS ± 1 PLACE DECIMALS ± MATERIAL:	CONTR. NO. IS-47259	RAYTHEON	RAYTHEON COMPANY LEXINGTON, MASS. 02172	
	DR <i>G. H. Hunt</i> 17 MAR 76			
	CHK <i>J. P. McHenry</i> 18 MAR 76			
	APP'D <i>DW Callahan</i> 23 MAR 76 <i>W.A. Hamilton</i> 3/23/76			
APPROVED		SIZE A	CODE IDENT NO. 49956	DRAWING NO. 853233
BY DIRECTION OF		SCALE NONE		SHEET 1 OF 5

DRAWING TITLE MULTIWIRE INTERCONNECTION BOARD	
--------------------------------------------------	--

-5

1. SCOPE

1.1 SCOPE. THIS DRAWING COVERS THE REQUIREMENTS FOR THE PROCUREMENT OF THE ADAPTER DIO/DMA WIRED CIRCUIT BOARD. THE ASSEMBLED BOARD IS INTENDED FOR USE IN NAVY SHIPBOARD APPLICATIONS.

2. APPLICABLE DOCUMENTS

2.1 THE FOLLOWING DOCUMENTS, OF THE ISSUE IN EFFECT ON THE DATE OF INVITATION FOR BIDS OR REQUEST FOR PROPOSAL, FORM A PART OF THIS DRAWING TO THE EXTENT SPECIFIED HEREIN.

SPECIFICATIONS

MILITARY

MIL-M-83436 (USAF) MULTIWIRE INTERCONNECTION BOARDS
(PLATED-THROUGH HOLE)

STANDARDS

MILITARY

MIL-STD-202 TEST METHODS FOR ELECTRONIC AND
ELECTRICAL COMPONENT PARTS

MIL-STD-810 ENVIRONMENTAL TEST METHODS

DRAWINGS

RAYTHEON

853358 CIRCUIT CARD ASSEMBLY
W1853358 REV ☒ ADAPTER DIO/DMA WIRING LIST

894422 MULTIWIRE INTERCONNECTION BOARD
FABRICATION DRAWING

(COPIES OF SPECIFICATIONS, STANDARDS AND DRAWINGS, REQUIRED BY SUPPLIER IN CONNECTION WITH SPECIFIC PROCUREMENT FUNCTIONS SHOULD BE OBTAINED FROM THE PROCURING ACTIVITY OR AS DIRECTED BY THE CONTRACTING OFFICER).

SIZE	CODE IDENT NO.	DRAWING NO.	
A	49956	853233	
SCALE	NONE	REV	SHEET
		G	2

3. REQUIREMENTS

3.1 THE REQUIREMENTS COVERED BY THIS DRAWING ARE INTENDED TO CONTROL THE MECHANICAL INTERFACE, COMPONENT MOUNTING AND HOLE SIZES OF A WIRED BOARD. THIS BOARD SHALL BE SUPPLIED WIRED AND TESTED PER THE APPLICABLE SECTIONS OF MIL-M-83436, LESS ELECTRICAL COMPONENTS, I/O CONNECTOR AND ANGLE BRACKET.

3.2 PROCESS CONTROL

3.2.1 CIRCUIT BOARDS SHALL BE MANUFACTURED AND PROCESSED TO MEET THE REQUIREMENTS OF MIL-M-83436 WITH THE FOLLOWING ADDITIONS.

3.2.1.1 FUNGUS RESISTANCE. THE WIRED BOARD, LESS ELECTRICAL COMPONENTS, I/O CONNECTOR AND ANGLE BRACKET SHALL MEET THE FUNGUS RESISTANCE REQUIREMENTS OF MIL-STD-870.

3.2.1.2 MOISTURE RESISTANCE. THE WIRED BOARD, LESS ELECTRICAL COMPONENTS, I/O CONNECTOR AND ANGLE BRACKET SHALL MEET THE MOISTURE RESISTANCE REQUIREMENTS OF MIL-STD-202, METHOD 106C.

3.3 MECHANICAL

3.3.1 MECHANICAL SIZE, MACHINING AND MARKING REQUIREMENTS SHALL BE PER RAYTHEON DRAWING NUMBER 894422/6 AND 853358 PARAGRAPH 10.0.

3.3.2 INTERCONNECTION BOARD WIRING SHALL BE PER RAYTHEON DRAWING NUMBER 853358.

3.3.3 BOARD MASTER ART WORK FOR GROUND, VOLTAGE PLANE AND SILK SCREEN MARKING SHALL BE MAINTAINED BY BOARD VENDOR.

3.3.4 COMPONENT MOUNTING HOLE SIZES SHALL BE PER RAYTHEON PART NUMBER 894422/6 AND TABLE 2 OF THIS SPECIFICATION. TABLE 2 SHALL BE USED IN CONJUNCTION WITH RAYTHEON PART NUMBER 853358 CIRCUIT CARD ASSEMBLY FOR THE PURPOSE OF COMPONENTS IDENTIFICATION, LOCATION AND HOLE SIZES.

3.3.5 WIRED BOARDS SHALL BE SOLDERABLE AFTER A 6 MONTH STORAGE PERIOD IN CONVENTIONAL WAREHOUSE ENVIRONMENT.

3.3.6 WIRED BOARDS SHALL BE MARKED WITH RAYTHEON PART NUMBER 853233-5 PRECEDED BY CODE IDENT NO. 49956.

SIZE	CODE IDENT NO.	DRAWING NO.
A	49956	853233
SCALE NONE	REV A	SHEET 3

3.4 ELECTRICAL

3.4.1 INTERCONNECTING WIRING, POWER, AND GROUND SHALL BE CONTINUITY TESTED BY THE VENDOR PER RAYTHEON DRAWING WL853358 AND APPLICABLE SECTIONS OF MIL-M-83436.

4. QUALITY ASSURANCE PROVISIONS

4.1 QUALITY ASSURANCE PROVISIONS SHALL MEET THE REQUIREMENTS OF THE APPLICABLE SECTIONS OF MIL-M-83436 FOR WIRED BOARDS, LESS ELECTRICAL COMPONENTS, I/O CONNECTOR AND ANGLE BRACKET.

4.2 ANGLE BRACKET MARKING PER RAYTHEON DRAWING 853358 NOTES 3 AND 6 SHALL BE ADDED AT THE BOARD ASSEMBLY LEVEL AND DOES NOT FORM A PART OF THE REQUIREMENTS OF THIS DOCUMENT.

5. PREPARATION FOR DELIVERY

5.1 UNLESS OTHERWISE SPECIFIED IN THE CONTRACT OR PURCHASE ORDER, THE WIRED BOARD, LESS ELECTRICAL COMPONENTS, I/O CONNECTOR AND ANGLE BRACKET, SHALL BE INDIVIDUALLY WRAPPED IN POLYETHYLENE OR EQUIVALENT BAGS FOR SHIPMENT. PACKAGING SHALL PRECLUDE BOARD CONTAMINATION, SCRATCHES, BREAKAGE OR WARPING.

6. NOTES

6.1 RAYTHEON ENGINEERING REFERENCE: **(-5)** SUPERSEDES ALL PREVIOUS ADAPTER DIO/DMA DESIGNS AND REVISIONS.

SUGGESTED SOURCE(S) OF SUPPLY:

KOLLMORGEN CORP.
PHOTOCIRCUITS DIVISION
CODE IDENT NO. 04191
GREEN COVE, N.Y. 11542
PART NUMBER: RMC 476

DIVA, INC.
CODE IDENT NO. NONE
EATONTOWN, N.J. 07724
PART NUMBER: VTS

SIZE	CODE IDENT NO.	DRAWING NO.
A	49956	853233
SCALE NONE	REV A	SHEET 4

TABLE I - HOLE DATA

SYM	COMPONENT DESIGNATION	DESCRIPTION	REFERENCE DRAWING
A		.124-.128 DIA	89A422
B		.067-.070 DIA	89A422
C		.031-.037 DIA	89A422
	R1 BOTH ENDS	.052-.058 DIA	
	R2 BOTH ENDS	.052-.058 DIA	
	P3 BOTH ENDS	.052-.058 DIA	
	ALL OTHER HOLES	.035-.041 DIA	

SIZE A	CODE IDENT NO. 49956	DRAWING NO. 853233
SCALE NONE	REV B	SHEET 5



REVISION	DATE	APPROVED
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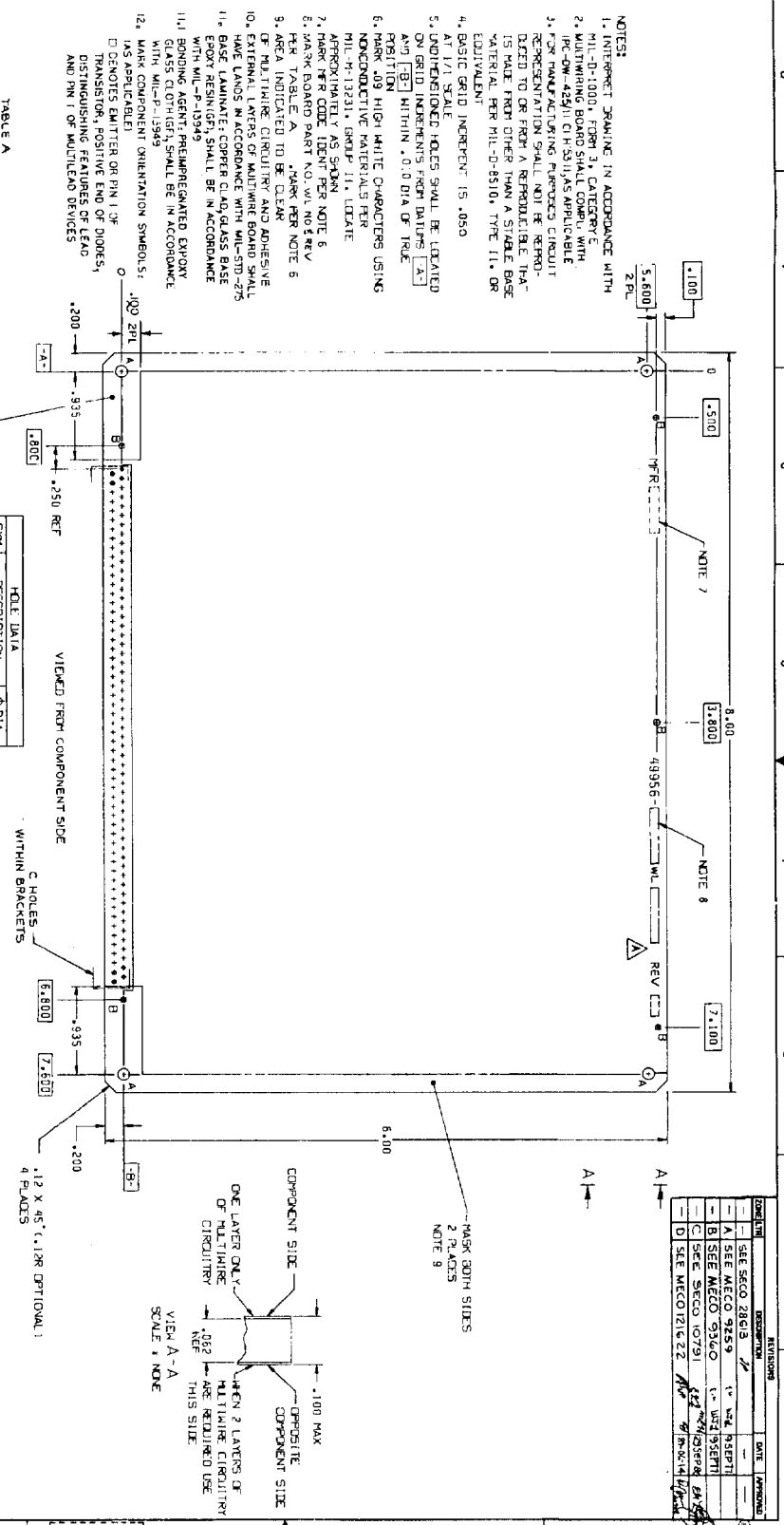


TABLE A

REFERENCE NO.	PART NO.	MARKING	MIL. MARKING
853422/1	853422-1	853422	853422
1/2	853422-2	853422	853422
1/3	853422-3	853422	853422
1/4	853422-4	853422	853422
1/5	853422-5	853422	853422
1/6	853422-6	853422	853422
1/7	853422-7	853422	853422
1/8	853422-8	853422	853422
1/9	853422-9	853422	853422
1/10	853422-10	853422	853422

HOLE DATA

SYM	DESCRIPTION	Ø DIA
A	.124 - .128 DIA	.007
B	.067 - .070 DIA	.007
C	.031 - .037 DIA	.006

TABLE B

REF. NO.	PART NO.	MARKING	MIL. MARKING
853422/1	853422-1	853422	853422
1/2	853422-2	853422	853422
1/3	853422-3	853422	853422
1/4	853422-4	853422	853422
1/5	853422-5	853422	853422
1/6	853422-6	853422	853422
1/7	853422-7	853422	853422
1/8	853422-8	853422	853422
1/9	853422-9	853422	853422
1/10	853422-10	853422	853422

8 7 6 5 4 3 2 1

APPLICATION		REVISIONS			
NEXT ASSY	USED ON	LTR	DESCRIPTION	DATE	APPROVED
	DE11608	-	SEE SECO 28615	-	-
		A	SEE SECO 28662	4/9/76	WJR
		B	SEE MECO 9045 CW WJD	12/1/76	
		C	SEE MECO 9209 CW WJR	4/5/77	
		D	SEE MECO 9360 CW WJD	8SEP77	
		E	SEE MECO 9281 WJR	4NOV77	
		F	SEE SECO 9460 EJR	7NOV77	
		G	SEE SECO 9564 EJR	1-5-78	
		H	SEE SECO 66561 CMR	9-3-82	EJR
		J	SEE MECO 66667 CW EJR	5/24/83	EJR

Notes: Designation 1P72 denotes connector P1, pin 72
Designation 59U10 denotes I. C. U59 pin 10

**CAUTION - ALL REV CHANGES TO
THIS DRAWING MUST BE REFLECTED
ON DWG (INDICATED BELOW)**

REV STATUS	REV LTR	J	-	E	H	-	-	-	E	-	C	-	F	G
OF SHEETS	SHEET NO.	1	2	3	4	5	6	7	8	9	10	11	12	13
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		CONTR NO. 2-871/2/3/4				RAYTHEON				RAYTHEON COMPANY LEXINGTON, MASS. 02173				
TOLERANCES: ANGLES ±		DR R E W				W MAR 76				DRAWING TITLE CIRCUIT CARD ASSEMBLY 707 INTERFACE ADAPTER DIO/DMA CONTROL				
FRACTIONS ±		CHK R P L T				18 MAR 76								
3 PLACE DECIMALS ±		A W.A. Smith				3/24/76								
2 PLACE DECIMALS ±		P D. Callahan				3/24/76								
1 PLACE DECIMALS ±		D												
MATERIAL:		APPROVED				SIZE A		CODE IDENT NO. 49956		DRAWING NO. WL853358				
		BY DIRECTION OF				SCALE		SHEET 1 of 13						

1. 58U01 / 1P26
2. 58U02 / 57U13
3. 57U12 / 1P24
4. 57U02 / 1P22
5. 57U03 / 1P20
6. 57U01 / 1P30
7. 57U09 / 1P32
8. 57U10 / 1P34
9. 57U11 / 1P36
10. 57U08 / 1P18
11. 58U03 / 1P17
12. 58U05 / 1P16
13. 58U09 / 1P15
14. 58U11 / 20U11 / 22U19 / 1P28
15. 58U04 / 57U04
16. 57U05 / 42U05
17. 57U06 / 42U04
18. 58U06 / 42U02
19. 58U08 / 42U01
20. 42U06 / 42U13
21. 58U10 / 43U12 / 42U12 / 44U04
22. 42U08 / 41U02 / 59U09
23. 59U03 / 41U03 / 44U01 / 28U01 / 28U02 / 48U02
24. 42U10 / 58U12
25. 44U03 / 43U11
26. 44U02 / 08U12 / 12U08 / 15U09 / 16U09
27. 43U08 / 58U13

SIZE A	CODE IDENT NO 49956	DRAWING NO. WL853358
SCALE	REV —	SHEET 2 of 13

- 28.
29. 44U06 / 43U13
30. 60U05 / 1P21
31. 43U04 / 07U08 / 1P51 / 41U13 / 41U1 / 9U1 / 43U04 / 26U11
32. 43U01 / 17U09 / 07U06
- 33.
- 34.
35. 43U05 / 60U04 / 42U09 / 26U03
36. 43U06 / 47U05
37. 60U06 / 59U01 / 60U02 / 15U01
38. 59U02 / 44U05 / 56U02 / 20U15 / 1P11
39. 59U04 / 41U11 / 09U11 / 9U3
- 40.
- 41.
42. 41U05 / 41U12
- 43.
- 44.
45. 41U09 / 56U01
46. 56U03 / 59U05 / 1P27
47. 59U06 / 60U01
48. 60U03 / 29U13 / 13U03 / 26U04
49. 59U08 / 22U18
50. 20U13 / 22U20 / 1P29
51. 22U21 / 1P39
52. 22U22 / 1P40
53. 22U23 / 1P41
54. 51U07 / 52U01 / 1P107

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55. 51U05 / 52U14 / 33U01 / 33U02 / 1P106
 56. 51U09 / 52U02 / 1P101
 57. 51U11 / 52U13 / 33U03 / 33U04 / 1P100
 58. 1P103 / 53U07 / 52U03
 59. 53U05 / 52U12 / 33U05 / 33U06 / 1P102
 60. 1P105 / 53U09 / 52U11
 61. 53U11 / 52U04 / 33U08 / 33U09 / 1P104
 62. 1P99 / 54U07 / 52U05
 63. 1P98 / 54U05 / 52U10 / 33U10 / 33U11
 64. 1P97 / 54U09 / 52U09
 65. 1P96 / 54U11 / 52U06 / 33U12 / 33U13
 66. 1P95 / 55U07 / 37U07
 67. 1P94 / 55U05 / 37U08 / 34U01 / 34U02
 68. 1P93 / 55U09 / 37U09
 69. 1P92 / 55U11 / 37U06 / 34U03 / 34U04
 70.
 71.
 72.
 73. 55U03 / 55U13 / 38U08 / 54U13 / 54U03 / 53U13 / 53U03 / 51U13 / 51U03 / 39U01
 74.
 75. 39U03 / 39U13 / 38U12 / 40U03 / 40U13 / ~~41U01~~ / 41U04 / 41U10 / ~~41U13~~
 43U02 / 43U03 / 43U10 / 45U07 / 45U09 / 46U07 / 46U09 / 902 / 904
 76. 40U07 / 37U04 / 1P91
 77. 1P90 / 40U05 / 37U11 / 34U05 / 34U06
 78. 50U01 / 1P89
 79. 40U09 / 37U05 / 1P88
 80. 40U11 / 37U10 / 34U08 / 34U09 / 1P87

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81. 50U05 / 1P86
 82. 50U09 / 1P83
 83. 39U07 / 37U02 / 1P85
 84. 1P84 / 39U05 / 37U13 / 34U10 / 34U11
 85. 1P82 / 39U09 / 37U12
 86. 1P81 / 39U11 / 37U03 / 34U12 / 34U13
 87. 51U01 / 51U02 / 44U12
 88. 51U14 / 51U15 / 60U09 / 03U01 / 03U04 / 07U04 / 07U09
 89. 53U01 / 53U02 / 44U09
 90. 53U14 / 53U15 / 44U10
 91. 44U08 / 44U13 / 02U12 / 16U12
 92. 19U04 / 54U01 / 54U02 / 17U23
 93. 19U05 / 54U14 / 54U15 / 17U22
 94. 19U12 / 55U01 / 55U02 / 17U21
 95. 19U13 / 55U14 / 55U15 / 17U20
 96. 18U08 / 17U18 / 17U19 / 13U13
 97. 40U01 / 40U02 / 50U02
 98. 40U14 / 40U15 / 50U04
 99. 39U01 / 39U02 / 50U10
 100. 39U14 / 39U15 / 50U12
 101. 50U13 / 1P25
 102. 60U08 / 1P10
 103. 50U03 / 18U09
 104. 50U06 / 18U10
 105. 50U08 / 18U12
 106. 50U11 / 18U13
 107. 60U10 / 13U12 / 16U13

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108. 22U08 / 30U01 / 30U02
 109. 22U07 / 21U03 / 21U04 / 62U11
 110. 22U06 / 05U01
 111. 22U04 / 11U12 / 11U05
 112. 22U03 / 04U01 / 29U05 / 31U11
 113. 22U01 / 05U12
 114. 22U17 / 20U01 / 49U01 / 49U15 / 08U04
 115. 22U16 / 04U10 / 07U13 / 29U02
 116. 22U15 / 05U05 / 11U04 / 65U11
 117. 22U13 / 05U04
 118. 05U06 / 06U01 / 16U05
 119. 06U02 / 56U10
 120. 05U02 / 02U06 / 21U01 / 21U02
 121. 05U03 / 24U04 / 1P33
 122. 44U11 / 02U05 / 02U09 / 03U09 / 03U13
 123.
 124. 01U02 / 03U02
 125. 03U03 / 08U05 / 1P35
 126. 03U06 / 06U03 / 04U12
 127. 06U04 / 47U13
 128. 17U01 / 01U01
 129. 01U03 / 17U02
 130. 17U03 / 01U05 / 18U01
 131. 17U04 / 01U09 / 18U02
 132. 17U05 / 01U11 / 18U04
 133. 17U06 / 01U13 / 18U05
 134. 17U07 / 59U11

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135. 17U08 / 59U13
 136.
 137.
 138.
 139.
 140. 02U02 / 13U10
 141. 01U04 / 03U05
 142. 01U06 / 02U04
 143. 01U08 / 03U10
 144. 02U03 / 06U09 / 32U03
 145. 59U10 / 07U05
 146. 59U12 / 07U10
 147. 01U10 / 03U12
 148. 01U12 / 02U10
 149. 18U06 / 02U13 / 13U11
 150. 02U08 / 04U05 / 32U13 / 64U04
 151. 02U11 / 04U09
 152. 03U08 / 05U13
 153. 08U10 / 19U09 / 16U11 / 02U01
 154. 05U11 / 1P37
 155. 04U03 / 1P45
 156. 03U11 / 04U04 / 29U04
 157. 04U02 / 04U06 / 31U10
 158. 04U08 / 1P31
 159.
 160.
 161. 08U09 / 07U12 / 32U06

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162. 08U08 / 61U11 / 1P7

163.

164. 24U05 / 30U09 / 30U04 / 1P64

165. 24U02 / 1P8

166. 24U03 / 31U06

167. 08U02 / 04U13 / 24U01 / 23U13 / 10U08 / 29U01 / 30U05 / 29U12 / 16U10/26U09
26U10/23U13

168. 04U11 / 62U13 / 65U01 / 12U01

169. 07U11 / 47U01

170. 06U08 / 47U02

171. 47U03 / 61U04

172. 61U02 / 61U03 / 61U13 / 62U01 / 62U12 / 62U10 / 63U07 / 63U09 / 64U10 /
64U12 / 65U02 / 65U10 / 65U12 / 12U04 / 38U9 / 09U10

173.

174. 61U05 / 49U14

175. 61U06 / 60U12 / 1P61

176. 61U01 / 08U03 / 61U10 / 62U04

177. 08U01 / 24U08

178. 08U06 / 24U11

179. 24U12 / 24U10 / 27U03 / 27U13 / 28U03 / 28U13 / 31U02 / 31U04 / 31U12 /
32U02 / 32U04 / 32U11 / 32U12 / 12U02 / 12U10 / 12U13 / 38U13

180.

181. 24U13 / 06U10

182. 24U09 / 13U05

183. 24U06 / 47U04 / 49U12

184. 61U12 / 1P63

185. 62U02 / 1P62

186. 62U03 / 11U08 / 10U05 / 1P19

SIZE A	CODE IDENT NO 49956	DRAWING NO. WL853358
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187. 62U05 / 1P60
 188. 61U09 / 1P59
 189. 45U10 / 45U12 / 60U11
 190. 61U08 / 20U02
 191. 62U06 / 20U04
 192.
 193.
 194.
 195.
 196.
 197. 21U08 / 1P14
 198. 19U02 / 49U02
 199. 19U07 / 49U04
 200. 19U10 / 49U06
 201. 19U15 / 49U10
 202. 49U03 / 1P53
 203. 49U05 / 1P52
 204. 49U07 / 1P50
 205. 49U09 / 1P49
 206. 49U11 / 1P47
 207. 49U13 / 1P44
 208. 20U03 / 1P43
 209. 20U05 / 1P3
 210. 20U07 / 1P46
 211. 20U06 / 48U08
 212. 62U08 / 45U04 / 45U06 / 48U09
 213.

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214.
 215. 12U06 / 46U10 / 46U12 / 05U10
 216. 47U06 / 46U04 / 46U06
 217. 45U05 / 1P70
 218. 1P69 / 45U03 / 36U03 / 36U04
 219. 45U13 / 1P72
 220. 45U11 / 36U01 / 36U02 / 1P71
 221. 46U05 / 1P66
 222. 46U03 / 36U08 / 36U09 / 1P65
 223. 46U11 / 1P68
 224. 46U13 / 36U05 / 36U06 / 1P67
 225.
 226.
 227. 08U11 / 1P9
 228. 27U07 / 25U01 / 1P80
 229. 1P79 / 27U05 / 25U14 / 35U10 / 35U11
 230. 27U09 / 25U13 / 35U03 / 35U04 / 1P109 / 36U13
 231. 27U11 / 25U02 / 1P108 / 36U12
 232. 1P74 / 28U07 / 25U03
 233. 1P73 / 28U05 / 25U12 / 35U05 / 35U06
 234. 1P76 / 28U09 / 25U11
 235. 1P75 / 28U11 / 25U04 / 35U08 / 35U09
 236.
 237. 27U01 / 27U02 / 10U03 / 12U12
 238. 27U14 / 27U15 / 47U10
 239. 28U14 / 28U15 / 10U01 / 11U10 / 15U10
 240. 10U02 / 12U11

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241.
 242.
 243.
 244. 12U09 / 11U09
 245. 11U06 / 23U04
 246. 30U10 / 48U13 / 64U06 / 26U05
 247. 30U12 / 31U09 / 64U02
 248. 30U13 / 32U09 / 15U02 / 15U04 / 20U14
 249. 30U08 / 11U01
 250. 1P78 / 63U05
 251. 63U03 / 35U01 / 35U02 / 1P77
 252.
 253. 63U04 / 63U06 / 11U02 / 23U06 / 15U12 / 15U13
 254. 11U03 / 23U02
 255. 10U06 / 23U11 / 31U03 / 29U10
 256. 11U13 / 65U08
 257. 11U11 / 23U10
 258. 23U09 / 56U09
 259. 65U09 / 10U13
 260. 10U12 / 65U13
 261. 56U08 / 1P5
 262. 10U09 / 10U10
 263. 10U11 / 56U06 / 1P48
 264. 47U08 / 56U04 / 56U05
 265.
 266.
 267.

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268.

269. 32U05 / 13U01 / 20U10 / 14U03 / 14U02

270. ~~14U02~~ / 1P42 / 14U01 / 6U05 / 36U07

271. 29U03 / 32U01

272. 29U06 / 32U10

273.

274.

275. 32U08 / 47U12 / 48U05

276. 47U11 / 29U09

277. 29U08 / 64U03

278.

279. 31U13 / 30U06

280.

281. 64U01 / 29U11 / 09U13

282. 13U04 / 48U04

283. 48U06 / 21U06 / 65U04

284.

285.

286. 31U05 / 48U01

287. 31U01 / 48U03

288. 64U05 / 16U01 / 64U11 / 16U02

289. 15U05 / 16U03 / ~~20U12~~ / 09U12

290. 15U06 / 16U04

291. 16U06 / 1P12

292. 64U13 / 48U11

293.

294. 64U08 / 1P13

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SCALE	REV F	SHEET 12 of 13

295. 64U09 / 48U12
 296.
 297. 26U06 / 1P23
 298. 15U08 / 23U03
 299. 22U05 / 12U03 / 21U05
 300. 22U02 / 21U11 / 21U12 / 65U03
 301. 65U06 / 60U13 / 05U09
 302. 46U08 / 46U01 / 46U02 / 46U14 / 46U15
 303. 05U08 / 48U10
 304. 13U06 / 13U09
 305. 13U08 / 06U11
 306. 10U04 / 08U13
 307. 16U08 / 23U01
 308. 20U09 / 1P4
 309. 09U09 / 20U12
 310. 09U07 / 08U07
 311. 09U06 / 01P06
 312. 19U16 / 35U13 / ~~35U11~~ / 35U7
 313. 19U8 / 35U12
 314. 26U08 / 26U01
 315. 26U12 / 6U13
 316. 6U12 / 14U06 / 7U01
 317. 26U13 / 7U03
 318. 06U06 / 14U05
 319. 14U04 / 1P38
 320. 26U02 / ~~22U11~~ 22U10
 321. 7U02 / ~~22U10~~ 22U09
 322. 14U07 / 13U07

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